

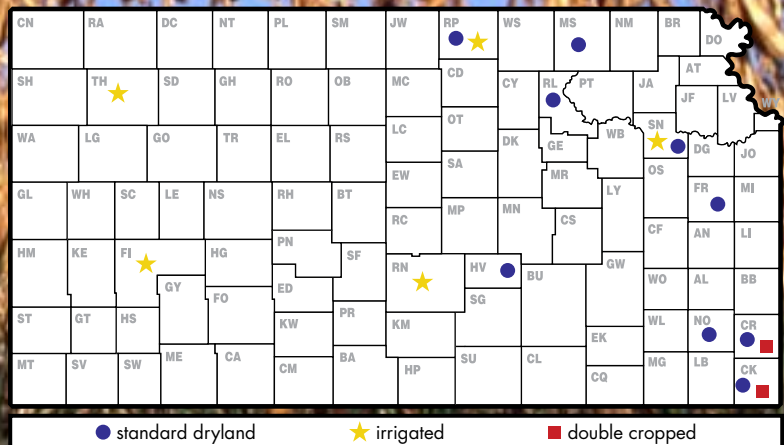
2008

Kansas Performance Tests with **Soybean Varieties**

Report of Progress 1003



Kansas State University
Agricultural Experiment Station
and Cooperative Extension Service



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2008 KANSAS SOYBEAN PERFORMANCE TESTS

TEST OBJECTIVES AND PROCEDURES

Soybean performance tests are conducted each year to provide information on the relative performance of new and established varieties and brands at several locations in Kansas.

Seeds for tests are from private seed companies, certified growers, and agricultural experiment stations (Table 1). Seed quality, including factors such as purity and germination, can be important in determining the performance of a variety. Soybean seed used for private and public entries in the Kansas Crop Performance Tests is prepared professionally and usually meets or exceeds Kansas Crop Improvement Certification standards. Relative performance of a given variety comparable to that obtained in these tests is best assured under similar environmental conditions and cultural practices and with the use of certified or professionally prepared seed. All companies known to be developing and marketing soybean varieties or brands are invited to submit test seed; interested companies enter on a voluntary, fee-entry basis.

Companies were invited to enter Roundup-resistant varieties in either the Roundup trials or in the conventional trials at Columbus. The conventional trial was later dropped because of a lack of entries.

Entries were planted in four-row plots with rows 30 inches apart and were replicated three or four times each. Seeding rate ranged from 7 to 12 seeds per foot of row. The center two rows of each plot were harvested for yield. Harvested row lengths ranged from 11 to 33 feet, depending on location. Cultural practices and rainfall for each test location are presented with each table. Results from this year's tests are presented in Tables 2 through 18. Relative yields of each entry from all locations are shown in Table 19. Test results also can be found online at: <http://kscroptests.agron.ksu.edu>.

DATA INTERPRETATION

Yields are recorded as bushels per acre (60 lb/bushel) adjusted to 13% moisture content, when moisture data are available. Seed yield also is expressed as a percentage of the test average to assist in identifying entries that consistently produce better than the average yield.

Maturity is the date on which 95% of the pods have ripened (browned). Delayed leaf drop and green stems are not considered when assigning maturity. About 1 week of good drying weather after maturing is needed before soybeans are ready to harvest.

Lodging is rated at maturity by the following scores:

1. Almost all plants erect
2. All plants slightly leaning or a few plants down
3. All plants leaning moderately (45%) or 25 to 50% of plants down
4. All plants leaning considerably or 50 to 80% plants down
5. Almost all plants down

Height is the average length from the soil surface to the top of the main stem of mature plants.

VARIETY OR BRAND SELECTION

Performance of soybean varieties or brands varies from year to year and from location to location, depending on factors such as weather, management practices, and variety adaptation. When selecting varieties or brands, producers should carefully analyze variety performance for two or more years across locations. Performance averaged over several environments will provide a better estimate of genetic potential and stability than performance based on a few environments.

Small differences in yield between any two varieties or brands usually are not important. Within maturity groups at each location, a LSD (least significant difference) was calculated. The significance level used to calculate the LSD was 10%. Unless two varieties differ in yield by more than the LSD, genetic yield potential of one entry cannot be considered superior to that of another.

The coefficient of variability (CV) represents an estimate of the precision in the replicated yield trials. A CV of less than 10% indicates a good test with a high level of reliability. CVs ranging from 10 to 15% are usually acceptable for performance comparisons. CVs greater than 15% generally lack sufficient precision to provide any more than a rough guide to cultivar performance. For tests in which the precision was insufficient to statistically compare performance among the entries, the LSD value has been replaced with the designation NS, indicating that seed yields were not significantly different.

Table 1. Entrants in the 2008 Kansas Soybean Performance Tests

| | | | |
|--|--|--|--|
| Kansas AES Manhattan KS 785-532-7242 | Lewis Lewis Hybrids, Inc. Ursa IL 800-252-7851 lewishybrids.com | NuTech NuTech Seed, LLC Forest City IA 641-581-3350 sales@yieldleader.com | Taylor Taylor Seed Farms, Inc. White Cloud KS 800-742-7473 taylorseedfarms.com |
| Advanced Genetics DeLange Seed Inc. Girard KS 620-724-6223 delangeseed.com | Midland Midland Genetics Group Ottawa KS 785-242-3598 info@midlandgenetics.com | Ohlde Ohlde Seed Farms, Inc. Palmer KS 785-692-4555 | Willcross NeCo Seed Farms, Inc. Garden City MO 816-862-8203 willcross.com |
| Asgrow/Dekalb Monsanto Seed St. Louis MO 314-694-1000 monsanto.com | Midland-Phillips Phillips Seed Farms Hope KS 785-949-2204 phillipsseed.com | Phillips Phillips Seed Farms Hope KS 785-949-2204 phillipsseed.com | |
| Drussel Seed Drussel Seed, Inc. Garden City KS 620-275-2359 | Midwest Seed Midwest Seed Genetics Carroll IA 800-369-8218 www.midwestseed.com | Pioneer Brand Pioneer Hi-Bred, Intl., Inc. Lincoln NE 800-258-5604 pioneer.com | |
| Dyna-Gro UAP-Pueblo Kearny NE 308-627-4439 uap.com | Morsoy MFA Incorporated Columbia MO 573-876-5363 morsoy.com | Prairie Brand Prairie Brand Seed Co. Story City IA 800-544-8751 prairiebrand.com | |
| Fontanelle Fontanelle Hybrids Fontanelle NE 402-721-1410 fontanelle.com | M-Pride Midwest Premium Genetics Concordia MO 660-463-7333 | Renze Renze Hybrids Carroll IA 800-634-2676 renzehybrids.com | |
| G2 Genetics NuTech Seed, LLC Forest City IA 641-581-3350 | NC+ NC+ Hybrids Lincoln NE 800-365-9804 www.nc-plus.com | Schillinger Schillinger Seed, Inc West Des Moines IA 515-225-1166 | |
| Kruger Kruger Seed Co. Dike IA 800-772-2721 krugerseed.com | NK Brand Syngenta Seeds, Inc. Golden Valley MN 763-593-7333 nk-us.com | Sylvester Sylvester Ranch Inc Ottawa KS 785-272-3598 info@sylvesterseed.com | |

Randy Jacobson Farm, Waterville, Marshall County; Bill Schapaugh, agronomist, 785-532-7242

Wymore silt loam, pH 5.5, --% OM; P test: H, K test: VH 2006 and 2007 data was collected at the trial located near Centralia in Nemaha County.
0-0-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 4.3 3.7 8.1 3.4 5.4 4.4 29.3

Planted 6/5/2008 at 9 seeds/ft; harvested 10/20/2008; 11 ft. by 2-row plot; pesticides: two applications of Roundup WeatherMax postemergence.

Table 2. Waterville, Marshall County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|---------------|---------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ASGROW | AG3504 | 40.6 | 57.3 | -- | 49.0 | -- | 105 | 106 | -- | 10/1 | 1.0 | 32 |
| ASGROW | AG3602 | 38.0 | 53.2 | 33.2 | 45.6 | 41.5 | 98 | 98 | 100 | 10/1 | 1.0 | 28 |
| ASGROW | AG3905 | 34.5 | 54.7 | 36.7 | 44.6 | 42.0 | 89 | 101 | 110 | 10/5 | 1.0 | 30 |
| DYNA-GRO | SXO8831 | 36.6 | -- | -- | -- | -- | 95 | -- | -- | 9/29 | 1.0 | 29 |
| FONTANELLE | 9680 NRR | 40.1 | 51.9 | 31.9 | 46.0 | 41.3 | 104 | 96 | 96 | 10/5 | 1.0 | 29 |
| FONTANELLE | 9789 NRR | 37.1 | -- | -- | -- | -- | 96 | -- | -- | 9/28 | 1.0 | 29 |
| KANSAS AES | KS3406RR | 41.0 | 51.1 | 33.9 | 46.1 | 42.0 | 106 | 94 | 102 | 10/1 | 1.0 | 29 |
| KANSAS AES | KS4404RR | 37.4 | 53.9 | 34.8 | 45.7 | 42.0 | 97 | 99 | 105 | 10/8 | 1.0 | 26 |
| KRUGER | K-348RR/SCN | 33.6 | 51.8 | -- | 42.7 | -- | 87 | 95 | -- | 9/30 | 1.0 | 26 |
| KRUGER | K-363RR/SCN | 37.1 | 53.9 | 34.1 | 45.5 | 41.7 | 96 | 99 | 102 | 10/6 | 1.0 | 27 |
| KRUGER | K-372RR/SCN | 39.6 | -- | -- | -- | -- | 103 | -- | -- | 10/5 | 1.0 | 28 |
| KRUGER | K-384RR/SCN | 36.5 | 56.1 | -- | 46.3 | -- | 95 | 103 | -- | 10/5 | 1.0 | 31 |
| KRUGER | K-417RR/SCN | 38.6 | -- | -- | -- | -- | 100 | -- | -- | 10/8 | 1.0 | 30 |
| LEWIS | 3698 | 36.1 | -- | -- | -- | -- | 94 | -- | -- | 10/5 | 1.0 | 27 |
| LEWIS | 3909 | 37.5 | -- | -- | -- | -- | 97 | -- | -- | 10/6 | 1.0 | 22 |
| LEWIS | 4009 | 41.3 | -- | -- | -- | -- | 107 | -- | -- | 10/5 | 1.0 | 29 |
| LEWIS | 4159 | 41.0 | -- | -- | -- | -- | 106 | -- | -- | 10/8 | 1.0 | 31 |
| MIDLAND | MG 3439NRR | 39.4 | -- | -- | -- | -- | 102 | -- | -- | 10/2 | 1.0 | 27 |
| MIDLAND | MG 3618NRR | 39.3 | 55.8 | -- | 47.6 | -- | 102 | 103 | -- | 10/2 | 1.0 | 31 |
| MIDLAND | MG 3738NRR | 38.3 | 58.2 | -- | 48.3 | -- | 99 | 107 | -- | 10/2 | 1.0 | 32 |
| MIDLAND | MG 3919NRR | 38.8 | -- | -- | -- | -- | 101 | -- | -- | 10/5 | 1.0 | 29 |
| MIDLAND | MG 3979NRR | 37.5 | -- | -- | -- | -- | 97 | -- | -- | 10/5 | 1.0 | 30 |
| MIDLAND | MG 4157NRS | 38.2 | 54.4 | -- | 46.3 | -- | 99 | 100 | -- | 10/9 | 1.0 | 29 |
| MIDLAND | MG 4289NRS | 41.2 | -- | -- | -- | -- | 107 | -- | -- | 10/8 | 1.0 | 30 |
| MIDLAND | MG 9A385NRS | 35.3 | 55.8 | 36.6 | 45.6 | 42.6 | 91 | 103 | 110 | 10/7 | 1.0 | 28 |
| NC+ | 3A85RS | 39.5 | 56.1 | -- | 47.8 | -- | 102 | 103 | -- | 10/6 | 1.0 | 27 |
| NK | S30-F5 | 35.3 | -- | -- | -- | -- | 91 | -- | -- | 9/28 | 1.0 | 29 |
| NK | S32-E2 | 35.3 | -- | -- | -- | -- | 91 | -- | -- | 9/29 | 1.0 | 28 |
| NK | S34-R2 | 41.8 | -- | -- | -- | -- | 108 | -- | -- | 10/1 | 1.0 | 28 |
| NK | S35-T9 | 37.2 | -- | -- | -- | -- | 96 | -- | -- | 10/4 | 1.0 | 31 |
| NK | S36-B6 | 39.2 | 56.4 | -- | 47.8 | -- | 102 | 104 | -- | 10/6 | 1.0 | 28 |
| NK | S37-F7 | 39.5 | 53.0 | -- | 46.3 | -- | 102 | 98 | -- | 10/3 | 1.0 | 30 |
| NK | S37-P5 | 42.7 | 52.4 | -- | 47.6 | -- | 111 | 97 | -- | 10/2 | 1.0 | 30 |
| NK | S39-A3 | 40.4 | 57.0 | -- | 48.7 | -- | 105 | 105 | -- | 10/5 | 1.0 | 29 |
| OHLDE | O-3334 | 38.0 | 57.7 | 36.0 | 47.9 | 43.9 | 98 | 106 | 108 | 10/2 | 1.0 | 25 |
| OHLDE | O-3532 | 36.4 | 51.3 | 33.7 | 43.9 | 40.5 | 94 | 94 | 101 | 10/1 | 1.0 | 28 |
| OHLDE | O-3727 | 42.1 | 54.8 | 37.6 | 48.5 | 44.8 | 109 | 101 | 113 | 10/6 | 1.0 | 30 |
| OHLDE | O-3732 | 40.7 | -- | -- | -- | -- | 105 | -- | -- | 10/2 | 1.3 | 32 |
| OHLDE | O-3997 | 36.9 | -- | -- | -- | -- | 96 | -- | -- | 10/5 | 1.0 | 29 |
| OHLDE | O-4232 | 38.8 | -- | -- | -- | -- | 101 | -- | -- | 10/7 | 1.0 | 30 |
| OHLDE | X-3525 | 41.1 | -- | -- | -- | -- | 106 | -- | -- | 10/1 | 1.0 | 31 |
| PRAIRIE BRAND | PB-3637NRR | 40.4 | 52.6 | -- | 46.5 | -- | 105 | 97 | -- | 10/4 | 1.0 | 30 |
| PRAIRIE BRAND | PB-3796NRR | 37.2 | 52.2 | -- | 44.7 | -- | 96 | 96 | -- | 10/6 | 1.0 | 30 |
| PRAIRIE BRAND | PB-3858NRRSTS | 38.6 | -- | -- | -- | -- | 100 | -- | -- | 10/5 | 1.0 | 28 |
| PRAIRIE BRAND | PB-3997NRR | 39.1 | -- | -- | -- | -- | 101 | -- | -- | 10/4 | 1.0 | 28 |
| PRAIRIE BRAND | PB-4058NRRSTS | 40.9 | -- | -- | -- | -- | 106 | -- | -- | 10/8 | 1.0 | 29 |
| RENZE | R3599RRcn | 34.4 | -- | -- | -- | -- | 89 | -- | -- | 10/1 | 1.0 | 27 |
| RENZE | R3788RRcn | 46.4 | -- | -- | -- | -- | 120 | -- | -- | 10/4 | 1.0 | 30 |
| RENZE | R4038SRcn | 39.2 | 58.2 | -- | 48.7 | -- | 102 | 107 | -- | 10/7 | 1.0 | 29 |
| RENZE | R4439SRcn | 35.4 | -- | -- | -- | -- | 92 | -- | -- | 10/8 | 1.0 | 30 |
| TAYLOR | 398RRS | 41.7 | 58.6 | 37.1 | 50.2 | 45.8 | 108 | 108 | 111 | 10/4 | 1.0 | 29 |
| TAYLOR | EXP A-3920RR | 39.0 | -- | -- | -- | -- | 101 | -- | -- | 10/4 | 1.0 | 29 |

Table 2 continued. Waterville, Marshall County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|--------|--------------|--------------------|------|------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| TAYLOR | EXP D-3720RR | 38.6 | -- | -- | -- | -- | 100 | -- | -- | 10/2 | 1.0 | 30 |
| TAYLOR | EXP T3780RR | 43.8 | -- | -- | -- | -- | 113 | -- | -- | 10/2 | 1.3 | 34 |
| | AVERAGES | 38.6 | 54.3 | 33.3 | | | | | | | | |
| | CV (%) | 8.7 | 5.8 | 5.7 | | | | | | | | |
| | LSD (0.10) | 4.0 | 3.7 | 2.2 | | | | | | | | |

Values in bold are in the upper LSD group.

J.D. Hanna, Erma Harden Farm, Topeka, Shawnee County; Larry Maddux, agronomist, 785-354-7236

Reading silty clay loam, pH --, --% OM; P test: , K test: -- Good stands obtained. Rainfall above normal, temperatures below normal. Weed control was good.

11-37-0 lb N-P-K fertilizer
April May June July Aug. Sept. Total
 Rainfall: 2.6 3.8 5.6 5.2 2.5 6.2 25.9

Planted 5/16/2008 at 8 seeds/ft; harvested 10/11/2008; 27.5 ft. by 2-row plot; pesticides: Intro + Canopy XL preemergence. .75 lb ae Glyphosate postemergence.

Table 3. Topeka, Shawnee County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|---------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ADVANCED GENETICS | AG3833NRS | 38.3 | 36.0 | 47.9 | 37.2 | 40.7 | 97 | 122 | 115 | 9/19 | 1.0 | 32 |
| ASGROW | AG3603 | 36.6 | -- | -- | -- | -- | 93 | -- | -- | 9/16 | 1.0 | 31 |
| ASGROW | AG3803 | 38.9 | 32.5 | -- | 35.7 | -- | 98 | 111 | -- | 9/20 | 1.0 | 35 |
| ASGROW | AG4103 | 41.9 | 25.5 | 47.1 | 33.7 | 38.2 | 106 | 87 | 113 | 9/23 | 1.0 | 32 |
| ASGROW | DKB46-51 | 43.0 | 28.9 | 52.3 | 36.0 | 41.4 | 109 | 98 | 126 | 9/27 | 1.0 | 34 |
| DYNA-GRO | 32C38 | 40.8 | -- | 40.3 | -- | -- | 103 | -- | 97 | 9/17 | 1.0 | 30 |
| DYNA-GRO | 32X39 | 39.2 | -- | -- | -- | -- | 99 | -- | -- | 9/18 | 1.0 | 31 |
| DYNA-GRO | 33A37 | 38.7 | -- | -- | -- | -- | 98 | -- | -- | 9/16 | 1.0 | 33 |
| DYNA-GRO | 33C32 | 29.8 | -- | -- | -- | -- | 75 | -- | -- | 9/14 | 1.0 | 29 |
| DYNA-GRO | 35F37 | 40.2 | -- | -- | -- | -- | 102 | -- | -- | 9/19 | 1.0 | 30 |
| DYNA-GRO | 35G38 | 35.7 | 34.3 | 42.1 | 35.0 | 37.4 | 90 | 117 | 101 | 9/16 | 1.0 | 32 |
| DYNA-GRO | 35Y36 | 38.3 | -- | -- | -- | -- | 97 | -- | -- | 9/17 | 1.0 | 31 |
| DYNA-GRO | 37A44 | 47.3 | -- | -- | -- | -- | 120 | -- | -- | 9/27 | 1.0 | 41 |
| DYNA-GRO | 38C42 | 40.1 | -- | -- | -- | -- | 102 | -- | -- | 9/23 | 1.0 | 34 |
| DYNA-GRO | DG 3399+RR | 36.3 | -- | -- | -- | -- | 92 | -- | -- | 9/19 | 1.0 | 30 |
| DYNA-GRO | SXO8137 | 40.7 | -- | -- | -- | -- | 103 | -- | -- | 9/19 | 1.0 | 33 |
| DYNA-GRO | SXO8734STS/RR | 33.4 | -- | -- | -- | -- | 85 | -- | -- | 9/15 | 1.0 | 29 |
| FONTANELLE | 407 NRR STS | 42.5 | -- | -- | -- | -- | 108 | -- | -- | 9/23 | 1.0 | 37 |
| FONTANELLE | 9680 NRR | 36.0 | -- | -- | -- | -- | 91 | -- | -- | 9/16 | 1.0 | 32 |
| FONTANELLE | 9789 NRR | 35.6 | -- | -- | -- | -- | 90 | -- | -- | 9/14 | 1.0 | 35 |
| G2 GENETICS | 7333 | 34.4 | -- | -- | -- | -- | 87 | -- | -- | 9/16 | 1.0 | 37 |
| G2 GENETICS | 7381 | 33.8 | -- | -- | -- | -- | 86 | -- | -- | 9/17 | 1.0 | 34 |
| G2 GENETICS | 7391 | 41.5 | -- | -- | -- | -- | 105 | -- | -- | 9/23 | 1.0 | 36 |
| KANSAS AES | KS3406RR | 36.9 | 34.4 | -- | 35.7 | -- | 93 | 117 | -- | 9/16 | 1.0 | 30 |
| KANSAS AES | KS4404RR | 37.7 | 28.6 | 48.7 | 33.2 | 38.3 | 95 | 97 | 117 | 9/27 | 1.0 | 33 |
| KRUGER | EX39A08 | 39.2 | -- | -- | -- | -- | 99 | -- | -- | 9/17 | 1.0 | 29 |
| KRUGER | K-372RR/SCN | 42.0 | -- | -- | -- | -- | 106 | -- | -- | 9/19 | 1.0 | 34 |
| KRUGER | K-384RR/SCN | 39.3 | 25.9 | -- | 32.6 | -- | 99 | 88 | -- | 9/20 | 1.0 | 35 |
| KRUGER | K-417RR/SCN | 47.6 | -- | -- | -- | -- | 121 | -- | -- | 9/24 | 1.0 | 32 |
| KRUGER | K-476RR/SCN | 44.9 | 32.0 | 53.4 | 38.5 | 43.4 | 114 | 109 | 129 | 9/29 | 1.0 | 31 |
| KRUGER | K-489RR/SCN | 42.3 | -- | -- | -- | -- | 107 | -- | -- | 9/26 | 1.0 | 35 |
| KRUGER | KX3783RN | 38.6 | -- | -- | -- | -- | 98 | -- | -- | 9/18 | 1.0 | 33 |
| MIDLAND | MG 3618NRR | 39.2 | 30.7 | -- | 35.0 | -- | 99 | 104 | -- | 9/17 | 1.0 | 32 |
| MIDLAND | MG 3738NRR | 36.4 | 31.3 | -- | 33.9 | -- | 92 | 106 | -- | 9/18 | 1.0 | 34 |
| MIDLAND | MG 3919NRR | 40.6 | -- | -- | -- | -- | 103 | -- | -- | 9/22 | 1.0 | 30 |
| MIDLAND | MG 3979NRR | 39.4 | -- | -- | -- | -- | 100 | -- | -- | 9/19 | 1.0 | 33 |
| MIDLAND | MG 4157NRS | 41.2 | 34.3 | -- | 37.8 | -- | 104 | 117 | -- | 9/24 | 1.0 | 34 |
| MIDLAND | MG 4289NRS | 36.0 | -- | -- | -- | -- | 91 | -- | -- | 9/24 | 1.0 | 31 |
| MIDLAND | MG 4329NRR | 39.9 | -- | -- | -- | -- | 101 | -- | -- | 9/28 | 1.0 | 37 |
| MIDLAND | MG 4477NRR | 44.0 | 29.3 | 35.7 | 36.7 | 36.3 | 111 | 100 | 86 | 9/27 | 1.0 | 35 |

Table 3 continued. Topeka, Shawnee County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHELS | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|--------------|-------------------|---------------------|------|------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| MIDLAND | MG 4506NRR | 42.4 | 24.8 | 45.5 | 33.6 | 37.6 | 107 | 84 | 110 | 9/26 | 1.0 | 37 |
| MIDLAND | MG 9A385NRS | 42.3 | 29.1 | 41.9 | 35.7 | 37.8 | 107 | 99 | 101 | 9/20 | 1.0 | 31 |
| MIDWEST SEED | GR3833 | 42.3 | -- | -- | -- | -- | 107 | -- | -- | 9/17 | 1.0 | 32 |
| NC+ | 3A85RS | 40.0 | 31.8 | -- | 35.9 | -- | 101 | 108 | -- | 9/20 | 1.0 | 31 |
| NC+ | 4A15RS | 41.5 | -- | -- | -- | -- | 105 | -- | -- | 9/24 | 1.0 | 32 |
| NK | S35-T9 | 35.0 | -- | -- | -- | -- | 89 | -- | -- | 9/16 | 1.0 | 36 |
| NK | S36-B6 | 43.4 | 33.7 | -- | 38.6 | -- | 110 | 115 | -- | 9/19 | 1.0 | 32 |
| NK | S37-F7 | 37.9 | 30.2 | -- | 34.1 | -- | 96 | 103 | -- | 9/22 | 1.0 | 34 |
| NK | S37-P5 | 35.3 | 32.1 | -- | 33.7 | -- | 89 | 109 | -- | 9/18 | 1.0 | 34 |
| NK | S39-A3 | 36.9 | 27.6 | -- | 32.3 | -- | 93 | 94 | -- | 9/21 | 1.0 | 31 |
| NK | S41-R6 | 37.3 | -- | -- | -- | -- | 94 | -- | -- | 9/23 | 1.0 | 31 |
| NK | S43-N6 | 37.4 | -- | -- | -- | -- | 95 | -- | -- | 9/24 | 1.0 | 35 |
| NUTECH | 7353 | 35.3 | -- | -- | -- | -- | 89 | -- | -- | 9/18 | 1.0 | 31 |
| NUTECH | 7354 | 37.9 | -- | -- | -- | -- | 96 | -- | -- | 9/15 | 1.0 | 32 |
| NUTECH | 7375 | 35.1 | -- | -- | -- | -- | 89 | -- | -- | 9/19 | 1.0 | 35 |
| NUTECH | 7386 | 41.4 | -- | -- | -- | -- | 105 | -- | -- | 9/21 | 1.0 | 32 |
| NUTECH | 7406 | 45.7 | -- | -- | -- | -- | 116 | -- | -- | 9/23 | 1.0 | 34 |
| NUTECH | 7417 | 41.4 | -- | -- | -- | -- | 105 | -- | -- | 9/24 | 1.0 | 33 |
| NUTECH | 7443 | 46.9 | -- | -- | -- | -- | 119 | -- | -- | 9/26 | 1.0 | 39 |
| NUTECH | NT-3909RR/SCN/STS | 33.3 | 33.2 | -- | 33.3 | -- | 84 | 113 | -- | 9/19 | 1.0 | 30 |
| NUTECH | NT-4444+RR/SCN | 42.7 | 28.2 | -- | 35.5 | -- | 108 | 96 | -- | 9/28 | 1.0 | 41 |
| OHLDE | O-3732 | 37.3 | -- | -- | -- | -- | 94 | -- | -- | 9/18 | 1.0 | 34 |
| OHLDE | O-3997 | 38.6 | -- | -- | -- | -- | 98 | -- | -- | 9/21 | 1.0 | 33 |
| OHLDE | O-4595 | 46.6 | 26.7 | 48.7 | 36.7 | 40.7 | 118 | 91 | 117 | 9/27 | 1.0 | 40 |
| PHILLIPS | 358NRR | 36.4 | -- | -- | -- | -- | 92 | -- | -- | 9/15 | 1.0 | 30 |
| PHILLIPS | 376NRR | 36.3 | 31.1 | -- | 33.7 | -- | 92 | 106 | -- | 9/18 | 1.0 | 34 |
| PHILLIPS | 385NRS | 40.5 | 30.1 | 41.3 | 35.3 | 37.3 | 103 | 102 | 100 | 9/18 | 1.0 | 32 |
| PHILLIPS | 417NRSE | 41.9 | 26.7 | -- | 34.3 | -- | 106 | 91 | -- | 9/23 | 1.0 | 33 |
| PHILLIPS | 439NRS | 42.3 | -- | -- | -- | -- | 107 | -- | -- | 9/26 | 1.0 | 36 |
| RENZE | R3788RRcn | 35.6 | -- | -- | -- | -- | 90 | -- | -- | 9/18 | 1.0 | 32 |
| RENZE | R4038SRcn | 45.3 | 34.1 | -- | 39.7 | -- | 115 | 116 | -- | 9/23 | 1.0 | 33 |
| RENZE | R4439SRcn | 43.4 | -- | -- | -- | -- | 110 | -- | -- | 9/25 | 1.0 | 35 |
| TAYLOR | 353RR | 34.5 | 31.4 | 42.1 | 33.0 | 36.0 | 87 | 107 | 101 | 9/18 | 1.0 | 32 |
| TAYLOR | EXP A-3920RR | 42.5 | -- | -- | -- | -- | 108 | -- | -- | 9/22 | 1.0 | 37 |
| TAYLOR | EXP T3780RR | 40.7 | -- | -- | -- | -- | 103 | -- | -- | 9/19 | 1.0 | 36 |
| | AVERAGES | 39.5 | 29.4 | 41.5 | | | | | | | | |
| | CV (%) | 9.8 | 12.4 | 15.8 | | | | | | | | |
| | LSD (0.10) | 5.2 | 4.9 | 8.9 | | | | | | | | |

Values in bold are in the upper LSD group.

Kansas River Valley Experiment Field, Topeka, Shawnee County; Larry Maddux, agronomist, 785-354-7236

Eudora silt loam, pH 6.8, --% OM; P test: M, K test: M

11-37-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 2.6 3.8 5.6 5.2 2.5 6.2 25.9

Irrigation: 2.5 2.46

Planted 5/16/2008 at 8 seeds/ft; harvested 10/11/2008; 27.5 ft. by 2-row plot; pesticides: 2 qt Inthro preemergence. .75 lb ae Glyphosate postemergence.

Good stands obtained. Rainfall above normal, temperatures below normal. Weed control was only fair as a second glyphosate treatment was not applied because of wet conditions.

Table 4. Topeka, Shawnee County Irrigated Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHELS | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|-----------|---------------------|------|------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ADVANCED GENETICS | AG3833NRS | 58.4 | 73.6 | 51.9 | 66.0 | 61.3 | 113 | 103 | 106 | 9/23 | 1.0 | 33 |
| ADVANCED GENETICS | AG4222NRS | 55.6 | 76.9 | -- | 66.3 | -- | 108 | 108 | -- | 9/24 | 1.3 | 34 |
| ASGROW | AG3603 | 53.3 | -- | -- | -- | -- | 103 | -- | -- | 9/21 | 1.3 | 34 |
| ASGROW | AG3803 | 51.4 | -- | -- | -- | -- | 99 | -- | -- | 9/22 | 2.0 | 38 |
| ASGROW | AG4103 | 56.6 | -- | -- | -- | -- | 109 | -- | -- | 9/24 | 2.3 | 37 |
| ASGROW | DKB46-51 | 39.7 | -- | -- | -- | -- | 77 | -- | -- | 9/26 | 1.3 | 38 |

Table 4 continued. Topeka, Shawnee County Irrigated Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|--------------|-------------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| | | | | | | | | | | | | |
| DYNA-GRO | 32C38 | 50.7 | -- | -- | -- | -- | 98 | -- | -- | 9/23 | 1.0 | 30 |
| DYNA-GRO | 32X39 | 44.3 | 70.5 | -- | 57.4 | -- | 86 | 99 | -- | 9/21 | 1.0 | 33 |
| DYNA-GRO | 33A37 | 47.9 | -- | -- | -- | -- | 93 | -- | -- | 9/20 | 1.3 | 35 |
| DYNA-GRO | 33C32 | 46.6 | -- | -- | -- | -- | 90 | -- | -- | 9/15 | 1.7 | 31 |
| DYNA-GRO | 33Y45 | 46.3 | -- | -- | -- | -- | 90 | -- | -- | 9/27 | 1.7 | 35 |
| DYNA-GRO | 35F37 | 53.9 | 70.7 | -- | 62.3 | -- | 104 | 99 | -- | 9/20 | 1.0 | 33 |
| DYNA-GRO | 35G38 | 48.2 | 74.9 | 48.8 | 61.6 | 57.3 | 93 | 105 | 100 | 9/20 | 1.0 | 31 |
| DYNA-GRO | 35Y36 | 54.5 | 66.0 | -- | 60.3 | -- | 105 | 93 | -- | 9/20 | 1.3 | 33 |
| DYNA-GRO | 36C44 | 49.6 | -- | -- | -- | -- | 96 | -- | -- | 9/24 | 1.0 | 30 |
| DYNA-GRO | 37A44 | 54.4 | -- | -- | -- | -- | 105 | -- | -- | 9/27 | 1.7 | 35 |
| DYNA-GRO | 37J34 | 50.9 | 75.3 | -- | 63.1 | -- | 98 | 106 | -- | 9/17 | 1.3 | 33 |
| DYNA-GRO | 38C42 | 49.7 | 73.9 | -- | 61.8 | -- | 96 | 104 | -- | 9/25 | 1.3 | 33 |
| DYNA-GRO | DG 3399+RR | 47.3 | -- | -- | -- | -- | 91 | -- | -- | 9/23 | 1.0 | 35 |
| DYNA-GRO | SXO8137 | 49.2 | -- | -- | -- | -- | 95 | -- | -- | 9/21 | 1.3 | 36 |
| DYNA-GRO | SXO8734STS/RR | 49.8 | -- | -- | -- | -- | 96 | -- | -- | 9/17 | 1.3 | 34 |
| FONTANELLE | 9680 NRR | 52.4 | 73.2 | 49.7 | 62.8 | 58.4 | 101 | 103 | 101 | 9/22 | 1.0 | 37 |
| FONTANELLE | 9789 NRR | 50.1 | -- | -- | -- | -- | 97 | -- | -- | 9/15 | 1.7 | 34 |
| G2 GENETICS | 7381 | 63.4 | -- | -- | -- | -- | 123 | -- | -- | 9/21 | 1.0 | 35 |
| G2 GENETICS | 7383 | 59.1 | -- | -- | -- | -- | 114 | -- | -- | 9/23 | 1.3 | 37 |
| G2 GENETICS | 7391 | 55.5 | -- | -- | -- | -- | 107 | -- | -- | 9/25 | 2.3 | 39 |
| KANSAS AES | KS3406RR | 49.4 | 62.7 | -- | 56.1 | -- | 96 | 88 | -- | 9/20 | 1.3 | 31 |
| KRUGER | EX39A08 | 55.4 | -- | -- | -- | -- | 107 | -- | -- | 9/21 | 1.3 | 34 |
| KRUGER | K-363RR/SCN | 53.0 | 71.3 | 47.5 | 62.2 | 57.3 | 103 | 100 | 97 | 9/22 | 1.3 | 34 |
| KRUGER | K-372RR/SCN | 50.7 | -- | -- | -- | -- | 98 | -- | -- | 9/22 | 1.3 | 35 |
| KRUGER | K-384RR/SCN | 50.5 | 74.3 | -- | 62.4 | -- | 98 | 104 | -- | 9/23 | 2.0 | 34 |
| KRUGER | K-389RR/SCN | 52.5 | 78.0 | 57.2 | 65.3 | 62.6 | 102 | 110 | 117 | 9/22 | 1.3 | 32 |
| KRUGER | K-410RR/SCN | 50.5 | 69.0 | 47.4 | 59.8 | 55.6 | 98 | 97 | 97 | 9/24 | 1.7 | 35 |
| KRUGER | K-417RR/SCN | 52.6 | -- | -- | -- | -- | 102 | -- | -- | 9/23 | 2.0 | 35 |
| KRUGER | K-433RR/SCN | 57.9 | 77.8 | 60.4 | 67.9 | 65.4 | 112 | 109 | 123 | 9/27 | 2.3 | 36 |
| KRUGER | K-476RR/SCN | 45.2 | 67.5 | 54.8 | 56.4 | 55.8 | 87 | 95 | 112 | 10/1 | 1.0 | 32 |
| KRUGER | K-489RR/SCN | 52.3 | -- | -- | -- | -- | 101 | -- | -- | 9/26 | 1.3 | 38 |
| KRUGER | KX3783RN | 46.9 | -- | -- | -- | -- | 91 | -- | -- | 9/20 | 1.7 | 35 |
| MIDLAND | MG 3439NRR | 45.3 | -- | -- | -- | -- | 88 | -- | -- | 9/19 | 1.0 | 31 |
| MIDLAND | MG 3738NRR | 51.9 | 74.1 | -- | 63.0 | -- | 100 | 104 | -- | 9/20 | 2.0 | 37 |
| MIDLAND | MG 3919NRR | 52.4 | -- | -- | -- | -- | 101 | -- | -- | 9/22 | 1.0 | 32 |
| MIDLAND | MG 4157NRS | 50.6 | 70.9 | -- | 60.8 | -- | 98 | 100 | -- | 9/25 | 1.0 | 33 |
| MIDLAND | MG 4289NRS | 58.3 | -- | -- | -- | -- | 113 | -- | -- | 9/25 | 1.3 | 33 |
| MIDLAND | MG 4329NRR | 47.8 | -- | -- | -- | -- | 92 | -- | -- | 9/27 | 2.0 | 38 |
| MIDLAND | MG 4477NRR | 52.2 | 75.1 | 52.7 | 63.7 | 60.0 | 101 | 105 | 108 | 9/26 | 2.3 | 40 |
| MIDLAND | MG 9A385NRS | 48.7 | 77.5 | 59.2 | 63.1 | 61.8 | 94 | 109 | 121 | 9/24 | 1.3 | 32 |
| MIDWEST SEED | GR3832 | 51.4 | 79.5 | 57.9 | 65.5 | 62.9 | 99 | 112 | 118 | 9/24 | 2.0 | 35 |
| MIDWEST SEED | GR3833 | 57.7 | -- | -- | -- | -- | 112 | -- | -- | 9/21 | 1.0 | 33 |
| MIDWEST SEED | GR3934 | 52.2 | 70.2 | -- | 61.2 | -- | 101 | 99 | -- | 9/23 | 1.3 | 35 |
| NK+ | 3A85RS | 51.8 | 73.9 | -- | 62.9 | -- | 100 | 104 | -- | 9/23 | 1.0 | 29 |
| NK | S34-R2 | 54.4 | -- | -- | -- | -- | 105 | -- | -- | 9/20 | 1.3 | 33 |
| NK | S36-B6 | 45.3 | 60.1 | -- | 52.7 | -- | 88 | 84 | -- | 9/22 | 1.7 | 32 |
| NK | S37-F7 | 61.7 | 77.5 | -- | 69.6 | -- | 119 | 109 | -- | 9/23 | 2.3 | 37 |
| NK | S37-P5 | 53.1 | 74.0 | -- | 63.6 | -- | 103 | 104 | -- | 9/24 | 2.7 | 34 |
| NK | S39-A3 | 60.4 | 72.1 | -- | 66.3 | -- | 117 | 101 | -- | 9/23 | 2.3 | 35 |
| NK | S41-R6 | 50.9 | -- | -- | -- | -- | 98 | -- | -- | 9/22 | 1.3 | 34 |
| NK | S43-N6 | 50.6 | -- | -- | -- | -- | 98 | -- | -- | 9/26 | 1.3 | 35 |
| NUTECH | 7353 | 46.6 | -- | -- | -- | -- | 90 | -- | -- | 9/22 | 1.3 | 30 |
| NUTECH | 7375 | 49.2 | -- | -- | -- | -- | 95 | -- | -- | 9/19 | 1.7 | 31 |
| NUTECH | 7386 | 57.8 | -- | -- | -- | -- | 112 | -- | -- | 9/23 | 1.0 | 32 |
| NUTECH | 7417 | 47.7 | -- | -- | -- | -- | 92 | -- | -- | 9/24 | 1.3 | 33 |
| NUTECH | 7443 | 43.3 | -- | -- | -- | -- | 84 | -- | -- | 9/25 | 2.3 | 40 |
| NUTECH | NT-3777+RR | 56.1 | -- | -- | -- | -- | 109 | -- | -- | 9/22 | 1.3 | 32 |
| NUTECH | NT-3888CR | 49.7 | -- | -- | -- | -- | 96 | -- | -- | 9/21 | 1.0 | 34 |
| NUTECH | NT-3909RR/SCN/STS | 55.4 | 84.6 | -- | 70.0 | -- | 107 | 119 | -- | 9/23 | 1.3 | 31 |
| OHLDE | O-3727 | 50.7 | 76.3 | 55.9 | 63.5 | 61.0 | 98 | 107 | 114 | 9/23 | 1.7 | 32 |
| OHLDE | O-3732 | 49.9 | -- | -- | -- | -- | 97 | -- | -- | 9/22 | 1.0 | 36 |

Table 4 continued. Topeka, Shawnee County Irrigated Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-----------|--------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| OHLDE | O-4232 | 52.8 | -- | -- | -- | -- | 102 | -- | -- | 9/25 | 1.0 | 34 |
| PHILLIPS | 358NRR | 48.9 | -- | -- | -- | -- | 95 | -- | -- | 9/18 | 1.0 | 31 |
| PHILLIPS | 376NRR | 59.9 | 76.8 | 55.6 | 68.4 | 64.1 | 116 | 108 | 113 | 9/23 | 1.3 | 37 |
| PHILLIPS | 385NRS | 58.1 | 80.5 | 50.2 | 69.3 | 62.9 | 112 | 113 | 102 | 9/20 | 1.3 | 34 |
| PHILLIPS | 417NRSE | 51.7 | 79.1 | -- | 65.4 | -- | 100 | 111 | -- | 9/25 | 1.0 | 33 |
| PHILLIPS | 439NRS | 49.7 | -- | -- | -- | -- | 96 | -- | -- | 9/28 | 2.0 | 36 |
| RENZE | R3599RRcn | 49.3 | -- | -- | -- | -- | 95 | -- | -- | 9/18 | 1.3 | 31 |
| RENZE | R3788RRcn | 55.3 | -- | -- | -- | -- | 107 | -- | -- | 9/20 | 1.0 | 34 |
| RENZE | R4439SRcn | 47.7 | -- | -- | -- | -- | 92 | -- | -- | 9/28 | 2.0 | 33 |
| TAYLOR | 353RR | 52.1 | 66.8 | 51.2 | 59.5 | 56.7 | 101 | 94 | 104 | 9/22 | 1.0 | 33 |
| TAYLOR | 398RRS | 51.5 | 77.1 | 46.2 | 64.3 | 58.3 | 100 | 108 | 94 | 9/23 | 1.0 | 31 |
| TAYLOR | EXP D-3600RR | 54.2 | -- | -- | -- | -- | 105 | -- | -- | 9/17 | 1.0 | 33 |
| WILLCROSS | RR2397N | 55.8 | -- | -- | -- | -- | 108 | -- | -- | 9/23 | 1.7 | 35 |
| WILLCROSS | RR2440NSTS | 51.3 | -- | -- | -- | -- | 99 | -- | -- | 9/24 | 1.0 | 31 |
| WILLCROSS | RR2450N | 51.0 | -- | -- | -- | -- | 99 | -- | -- | 9/27 | 1.7 | 34 |
| WILLCROSS | RR2460NS | 50.8 | -- | -- | -- | -- | 98 | -- | -- | 9/29 | 2.0 | 40 |
| WILLCROSS | RR2470NSTS | 51.0 | -- | -- | -- | -- | 99 | -- | -- | 9/27 | 1.7 | 38 |
| WILLCROSS | RR2477NSTS | 53.0 | -- | -- | -- | -- | 103 | -- | -- | 9/24 | 1.7 | 33 |
| WILLCROSS | RR2490NSTS | 41.9 | -- | -- | -- | -- | 81 | -- | -- | 9/26 | 2.0 | 38 |
| WILLCROSS | RR2498NSTS | 54.4 | -- | -- | -- | -- | 105 | -- | -- | 10/3 | 3.3 | 42 |
| | AVERAGES | 51.7 | 71.2 | 49.0 | | | | | | | | |
| | CV (%) | 8.9 | 8.9 | 13.1 | | | | | | | | |
| | LSD (0.10) | 6.2 | 8.6 | 8.7 | | | | | | | | |

Values in bold are in the upper LSD group.

East Central Kansas Experiment Field, Ottawa, Franklin County; James Kimball, agronomist, 785-242-2330

Woodson silt loam, pH 6, --% OM; P test: M, K test: M
0-0-0 lb N-P-K fertilizer

Temperatures below normal. Wet in early spring and late in the season; drier than normal during July and August. Frost affected some group V varieties.

April May June July Aug. Sept. Total

Rainfall: 2.7 5.4 7.8 3.4 5.6 7.9 32.8

Planted 6/23/2008 at 8 seeds/ft; harvested 11/2/2008; 33 ft. by 2-row plot; pesticides: 1.3 pt Dual preplant. .75 lb ae Glyphosate postemergence.

Table 5. Ottawa, Franklin County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|---------------|--------------------|-------------|------|------------|------------|----------------------------|------|------|-------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ADVANCED GENETICS | AG4511NRS | 42.1 | -- | -- | -- | -- | 98 | -- | -- | 10/22 | 1.0 | 31 |
| ADVANCED GENETICS | AG4780NRS | 50.2 | -- | -- | -- | -- | 117 | -- | -- | 10/27 | 1.0 | 33 |
| ADVANCED GENETICS | AG4222NRS | 42.6 | -- | -- | -- | -- | 99 | -- | -- | 10/24 | 1.0 | 30 |
| ADVANCED GENETICS | AG4462NRR | 42.5 | 23.6 | -- | 33.1 | -- | 99 | 95 | -- | 10/25 | 1.0 | 33 |
| ADVANCED GENETICS | AG5022NRS | 49.0 | 24.8 | -- | 36.9 | -- | 114 | 100 | -- | 10/28 | 1.0 | 39 |
| ASGROW | AG3603 | 38.5 | -- | -- | -- | -- | 90 | -- | -- | 10/12 | 1.0 | 31 |
| ASGROW | AG3803 | 46.2 | 24.5 | -- | 35.4 | -- | 107 | 98 | -- | 10/15 | 1.0 | 33 |
| ASGROW | AG4103 | 43.0 | 21.5 | 38.3 | 32.3 | 34.3 | 100 | 86 | 95 | 10/19 | 1.0 | 32 |
| ASGROW | DKB46-51 | 46.1 | 21.1 | 40.6 | 33.6 | 35.9 | 107 | 85 | 101 | 10/28 | 1.0 | 35 |
| DYNA-GRO | 32C38 | 44.2 | 26.8 | 41.7 | 35.5 | 37.6 | 103 | 108 | 103 | 10/18 | 1.0 | 29 |
| DYNA-GRO | 32R46 | 40.1 | -- | -- | -- | -- | 93 | -- | -- | 10/27 | 1.0 | 30 |
| DYNA-GRO | 33Y45 | 45.2 | -- | -- | -- | -- | 105 | -- | -- | 10/25 | 1.0 | 31 |
| DYNA-GRO | 36C44 | 46.5 | -- | -- | -- | -- | 108 | -- | -- | 10/22 | 1.0 | 29 |
| DYNA-GRO | 38C42 | 44.5 | 27.8 | -- | 36.2 | -- | 103 | 112 | -- | 10/25 | 1.0 | 29 |
| DYNA-GRO | SXO8341 | 42.4 | -- | -- | -- | -- | 99 | -- | -- | 10/20 | 1.0 | 32 |
| DYNA-GRO | SXO8734STS/RR | 38.8 | -- | -- | -- | -- | 90 | -- | -- | 10/11 | 1.0 | 29 |
| FONTANELLE | 407 NRR STS | 47.3 | -- | -- | -- | -- | 110 | -- | -- | 10/22 | 1.0 | 34 |
| FONTANELLE | 478 NRR STS | 45.4 | -- | -- | -- | -- | 106 | -- | -- | 10/27 | 1.0 | 35 |
| FONTANELLE | 9789 NRR | 38.4 | -- | -- | -- | -- | 89 | -- | -- | 10/5 | 1.0 | 33 |
| G2 GENETICS | 7333 | 36.6 | -- | -- | -- | -- | 85 | -- | -- | 10/8 | 1.0 | 32 |
| G2 GENETICS | 7383 | 39.9 | -- | -- | -- | -- | 93 | -- | -- | 10/13 | 1.0 | 37 |
| G2 GENETICS | 7391 | 46.0 | -- | -- | -- | -- | 107 | -- | -- | 10/15 | 1.0 | 34 |

Table 5 continued. Ottawa, Franklin County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|--------------|-------------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|-------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| | | | | | | | | | | | | |
| KANSAS AES | KS3406RR | 37.0 | 20.9 | -- | 29.0 | -- | 86 | 84 | -- | 10/9 | 1.0 | 28 |
| KRUGER | EX39A08 | 42.8 | -- | -- | -- | -- | 100 | -- | -- | 10/13 | 1.0 | 27 |
| KRUGER | K-372RR/SCN | 42.7 | -- | -- | -- | -- | 99 | -- | -- | 10/18 | 1.0 | 30 |
| KRUGER | K-384RR/SCN | 44.7 | 25.8 | -- | 35.3 | -- | 104 | 104 | -- | 10/14 | 1.0 | 32 |
| KRUGER | K-417RR/SCN | 34.2 | -- | -- | -- | -- | 80 | -- | -- | 10/19 | 1.0 | 30 |
| KRUGER | K-476RR/SCN | 41.9 | 29.8 | 44.0 | 35.9 | 38.6 | 97 | 120 | 109 | 10/28 | 1.0 | 29 |
| KRUGER | K-489RR/SCN | 50.3 | -- | -- | -- | -- | 117 | -- | -- | 10/27 | 1.0 | 34 |
| KRUGER | KX3783RN | 41.5 | -- | -- | -- | -- | 97 | -- | -- | 10/14 | 1.0 | 30 |
| MIDLAND | MG 3738NRR | 38.1 | 24.7 | -- | 31.4 | -- | 89 | 99 | -- | 10/10 | 1.0 | 31 |
| MIDLAND | MG 3919NRR | 36.7 | -- | -- | -- | -- | 85 | -- | -- | 10/16 | 1.0 | 29 |
| MIDLAND | MG 3979NRR | 39.9 | -- | -- | -- | -- | 93 | -- | -- | 10/14 | 1.0 | 31 |
| MIDLAND | MG 4157NRS | 42.5 | 26.6 | -- | 34.6 | -- | 99 | 107 | -- | 10/23 | 1.0 | 33 |
| MIDLAND | MG 4329NRR | 43.2 | -- | -- | -- | -- | 100 | -- | -- | 10/23 | 1.0 | 30 |
| MIDLAND | MG 4477NRR | 43.8 | 23.2 | -- | 33.5 | -- | 102 | 93 | -- | 10/24 | 1.0 | 32 |
| MIDLAND | MG 4506NRR | 42.9 | 22.8 | 45.8 | 32.9 | 37.2 | 100 | 92 | 113 | 10/24 | 1.0 | 39 |
| MIDLAND | MG 4768NRR | 49.9 | 24.0 | -- | 37.0 | -- | 116 | 96 | -- | 10/27 | 1.0 | 36 |
| MIDLAND | MG 4829NRS | 48.3 | -- | -- | -- | -- | 112 | -- | -- | 10/27 | 1.0 | 37 |
| MIDLAND | MG 9A385NRS | 44.2 | 25.4 | -- | 34.8 | -- | 103 | 102 | -- | 10/17 | 1.0 | 30 |
| MIDWEST SEED | GR3833 | 43.3 | -- | -- | -- | -- | 101 | -- | -- | 10/16 | 1.0 | 30 |
| MIDWEST SEED | GR4455 | 44.7 | 26.1 | 46.2 | 35.4 | 39.0 | 104 | 105 | 114 | 10/26 | 1.0 | 36 |
| MIDWEST SEED | GR4833 | 49.9 | -- | -- | -- | -- | 116 | -- | -- | 10/26 | 1.0 | 32 |
| MORSOY | RT 4126N | 44.3 | 27.5 | -- | 35.9 | -- | 103 | 110 | -- | 10/23 | 1.0 | 31 |
| MORSOY | RT 4457N | 40.3 | -- | -- | -- | -- | 94 | -- | -- | 10/23 | 1.0 | 32 |
| MORSOY | RT 4485N | 43.2 | 26.3 | 46.8 | 34.8 | 38.8 | 100 | 106 | 116 | 10/28 | 1.0 | 37 |
| MORSOY | RT 4707N | 45.6 | -- | -- | -- | -- | 106 | -- | -- | 10/27 | 1.0 | 34 |
| MORSOY | RTS 4824 | 46.5 | 29.2 | 50.4 | 37.9 | 42.0 | 108 | 117 | 125 | 10/27 | 1.0 | 35 |
| M-PRIDE | MPG48-1NRR/ST | 40.5 | -- | -- | -- | -- | 94 | -- | -- | 10/25 | 1.0 | 37 |
| M-PRIDE | MPG48-2NRR | 41.9 | -- | -- | -- | -- | 97 | -- | -- | 10/22 | 1.0 | 34 |
| M-PRIDE | MPG48-3NRR | 45.6 | -- | -- | -- | -- | 106 | -- | -- | 10/23 | 1.0 | 32 |
| M-PRIDE | MPG3808NRR | 40.4 | 24.7 | -- | 32.6 | -- | 94 | 99 | -- | 10/14 | 1.0 | 31 |
| M-PRIDE | MPG3908NRR/STS | 39.7 | -- | -- | -- | -- | 92 | -- | -- | 10/20 | 1.0 | 29 |
| M-PRIDE | MPG4209NRR | 41.9 | -- | -- | -- | -- | 97 | -- | -- | 10/18 | 1.0 | 29 |
| M-PRIDE | MPG4509NRR/STS | 46.9 | -- | -- | -- | -- | 109 | -- | -- | 10/22 | 1.0 | 30 |
| M-PRIDE | MPG4905NRR | 44.9 | -- | -- | -- | -- | 104 | -- | -- | 10/28 | 1.0 | 34 |
| M-PRIDE | MPG4907NRR/STS | 38.0 | -- | -- | -- | -- | 88 | -- | -- | 10/28 | 1.0 | 37 |
| NC+ | 4A15RS | 41.0 | -- | -- | -- | -- | 95 | -- | -- | 10/21 | 1.0 | 32 |
| NC+ | 4A45RS | 45.8 | -- | -- | -- | -- | 107 | -- | -- | 10/23 | 1.0 | 32 |
| NC+ | 4A81RS | 44.3 | 29.6 | -- | 37.0 | -- | 103 | 119 | -- | 10/28 | 1.0 | 34 |
| NK | S37-F7 | 41.1 | 25.5 | -- | 33.3 | -- | 96 | 102 | -- | 10/12 | 1.0 | 31 |
| NK | S37-P5 | 36.0 | 24.0 | -- | 30.0 | -- | 84 | 96 | -- | 10/13 | 1.0 | 30 |
| NK | S39-A3 | 42.8 | 25.3 | -- | 34.1 | -- | 100 | 102 | -- | 10/13 | 1.0 | 28 |
| NK | S41-R6 | 38.6 | -- | -- | -- | -- | 90 | -- | -- | 10/21 | 1.0 | 29 |
| NK | S43-N6 | 36.0 | -- | -- | -- | -- | 84 | -- | -- | 10/24 | 1.0 | 33 |
| NK | S44-D5 | 48.7 | -- | -- | -- | -- | 113 | -- | -- | 10/25 | 1.0 | 30 |
| NK | S46-U6 | 47.1 | 25.9 | -- | 36.5 | -- | 110 | 104 | -- | 10/28 | 1.0 | 39 |
| NK | S47-D9 | 39.8 | -- | -- | -- | -- | 93 | -- | -- | 10/28 | 1.0 | 30 |
| NK | S49-H7 | 46.0 | -- | -- | -- | -- | 107 | -- | -- | 10/28 | 1.0 | 37 |
| NUTECH | 7354 | 40.4 | -- | -- | -- | -- | 94 | -- | -- | 10/8 | 1.0 | 29 |
| NUTECH | 7406 | 44.7 | -- | -- | -- | -- | 104 | -- | -- | 10/22 | 1.0 | 31 |
| NUTECH | 7438 | 43.7 | -- | -- | -- | -- | 102 | -- | -- | 10/23 | 1.0 | 28 |
| NUTECH | 7445 | 46.2 | -- | -- | -- | -- | 107 | -- | -- | 10/21 | 1.0 | 29 |
| NUTECH | NT-3777+RR | 37.6 | -- | -- | -- | -- | 87 | -- | -- | 10/9 | 1.0 | 29 |
| NUTECH | NT-3888CR | 40.2 | -- | -- | -- | -- | 93 | -- | -- | 10/10 | 1.0 | 29 |
| NUTECH | NT-3909RR/SCN/STS | 41.9 | -- | -- | -- | -- | 97 | -- | -- | 10/18 | 1.0 | 29 |
| NUTECH | NT-4444+RR/SCN | 48.5 | -- | -- | -- | -- | 113 | -- | -- | 10/27 | 1.0 | 37 |
| OHLDE | O-4292 | 46.1 | 25.3 | 40.8 | 35.7 | 37.4 | 107 | 102 | 101 | 10/22 | 1.0 | 34 |
| OHLDE | O-4595 | 45.1 | 24.6 | 43.5 | 34.9 | 37.7 | 105 | 99 | 108 | 10/25 | 1.0 | 38 |
| OHLDE | X-4355 | 41.1 | -- | -- | -- | -- | 96 | -- | -- | 10/25 | 1.0 | 33 |
| RENZE | R4439SRcn | 40.5 | -- | -- | -- | -- | 94 | -- | -- | 10/18 | 1.0 | 30 |
| RENZE | R4836SRcn | 38.4 | 30.8 | 47.5 | 34.6 | 38.9 | 89 | 124 | 118 | 10/20 | 1.0 | 29 |
| TAYLOR | 445RR | 47.7 | 25.1 | -- | 36.4 | -- | 111 | 101 | -- | 10/26 | 1.0 | 39 |

Table 5 continued. Ottawa, Franklin County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-----------|------------|--------------------|-------------|------|------------|------------|----------------------------|------|------|-------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| TAYLOR | 487RRS | 45.9 | 31.1 | -- | 38.5 | -- | 107 | 125 | -- | 10/28 | 1.0 | 35 |
| WILLCROSS | RR2397N | 41.5 | 26.5 | -- | 34.0 | -- | 97 | 106 | -- | 10/14 | 1.0 | 35 |
| WILLCROSS | RR2440NSTS | 44.2 | -- | -- | -- | -- | 103 | -- | -- | 10/23 | 1.0 | 29 |
| WILLCROSS | RR2450N | 45.9 | -- | -- | -- | -- | 107 | -- | -- | 10/26 | 1.0 | 32 |
| WILLCROSS | RR2460NS | 42.7 | 25.3 | -- | 34.0 | -- | 99 | 102 | -- | 10/28 | 1.0 | 33 |
| WILLCROSS | RR2470NSTS | 46.3 | -- | -- | -- | -- | 108 | -- | -- | 10/27 | 1.0 | 32 |
| WILLCROSS | RR2477NSTS | 44.7 | -- | -- | -- | -- | 104 | -- | -- | 10/21 | 1.0 | 31 |
| WILLCROSS | RR2490NSTS | 47.1 | -- | -- | -- | -- | 110 | -- | -- | 10/28 | 1.0 | 33 |
| WILLCROSS | RR2498NSTS | 42.1 | -- | -- | -- | -- | 98 | -- | -- | 10/28 | 1.0 | 36 |
| | AVERAGES | 43.0 | 24.9 | 40.4 | | | | | | | | |
| | CV (%) | 9.9 | 11.5 | 6.2 | | | | | | | | |
| | LSD (0.10) | 5.0 | 3.4 | 2.9 | | | | | | | | |

Values in bold are in the upper LSD group.

Southeast Agricultural Research Center, Pittsburg, Cherokee County; James Long, agronomist, 620-421-4826

Parsons silt loam, pH --, --% OM; P test: , K test: --

0-0-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 8.9 12.3 9.2 2.3 2.2 8.5 43.4

Planted 7/1/2008 at 7 seeds/ft; harvested 11/4/2008; 17 ft. by 2-row plot; pesticides: 1 pt Dual II Magnum + 3 oz Canopy XL preemergence. 22 oz Roundup WeatherMax + 2 oz Resource postemergence.

Table 6. Pittsburg, Cherokee County Dryland Soybean Performance Test, Maturity Groups III-IV, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|----------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|-------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ADVANCED GENETICS | AG4780NRS | 55.3 | -- | -- | -- | -- | 109 | -- | -- | 10/19 | 1.3 | 29 |
| DYNA-GRO | 32R46 | 55.6 | 33.2 | -- | 44.4 | -- | 110 | 119 | -- | 10/19 | 1.0 | 25 |
| DYNA-GRO | 33A40 | 49.4 | 33.2 | -- | 41.3 | -- | 97 | 119 | -- | 10/16 | 1.0 | 28 |
| DYNA-GRO | 33Y45 | 51.4 | -- | -- | -- | -- | 101 | -- | -- | 10/16 | 1.0 | 25 |
| DYNA-GRO | 36C44 | 49.3 | -- | -- | -- | -- | 97 | -- | -- | 10/18 | 1.0 | 24 |
| DYNA-GRO | 37A44 | 48.7 | 33.1 | -- | 40.9 | -- | 96 | 118 | -- | 10/18 | 1.5 | 31 |
| DYNA-GRO | 38C42 | 47.2 | 25.1 | 31.8 | 36.2 | 34.7 | 93 | 90 | 96 | 10/18 | 1.0 | 24 |
| DYNA-GRO | SXO8341 | 50.1 | -- | -- | -- | -- | 99 | -- | -- | 10/14 | 1.0 | 26 |
| DYNA-GRO | SXO8940 | 49.5 | -- | -- | -- | -- | 98 | -- | -- | 10/13 | 1.5 | 26 |
| FONTANELLE | 454 NRR | 51.8 | -- | -- | -- | -- | 102 | -- | -- | 10/18 | 1.3 | 30 |
| FONTANELLE | 478 NRR STS | 55.6 | -- | -- | -- | -- | 110 | -- | -- | 10/19 | 1.0 | 27 |
| MIDLAND | MG 4477NRR | 50.2 | 28.2 | -- | 39.2 | -- | 99 | 101 | -- | 10/18 | 1.0 | 28 |
| MIDLAND | MG 4506NRR | 50.9 | 28.5 | 36.3 | 39.7 | 38.6 | 100 | 102 | 110 | 10/16 | 1.8 | 32 |
| MIDLAND | MG 4768NRR | 49.3 | 34.4 | -- | 41.9 | -- | 97 | 123 | -- | 10/20 | 1.3 | 31 |
| MORSOY | RT 4707N | 51.2 | -- | -- | -- | -- | 101 | -- | -- | 10/20 | 1.3 | 32 |
| MORSOY | RTS 4718N | 56.0 | -- | -- | -- | -- | 110 | -- | -- | 10/19 | 1.0 | 28 |
| M-PRIDE | MPG48-1NRR/ST | 50.3 | -- | -- | -- | -- | 99 | -- | -- | 10/18 | 2.5 | 30 |
| M-PRIDE | MPG48-2NRR | 44.4 | -- | -- | -- | -- | 88 | -- | -- | 10/16 | 1.0 | 28 |
| M-PRIDE | MPG48-3NRR | 53.9 | -- | -- | -- | -- | 106 | -- | -- | 10/18 | 1.5 | 29 |
| M-PRIDE | MPG4209NRR | 54.0 | -- | -- | -- | -- | 107 | -- | -- | 10/18 | 1.0 | 25 |
| M-PRIDE | MPG4509NRR/STS | 50.5 | -- | -- | -- | -- | 100 | -- | -- | 10/17 | 1.0 | 25 |
| NK | S41-R6 | 44.2 | -- | -- | -- | -- | 87 | -- | -- | 10/14 | 1.0 | 24 |
| NK | S43-N6 | 48.5 | -- | -- | -- | -- | 96 | -- | -- | 10/18 | 1.0 | 29 |
| NK | S44-D5 | 53.9 | -- | -- | -- | -- | 106 | -- | -- | 10/18 | 1.0 | 27 |
| NK | S46-U6 | 55.5 | 34.7 | -- | 45.1 | -- | 109 | 124 | -- | 10/21 | 2.5 | 33 |
| NK | S47-D9 | 44.2 | -- | -- | -- | -- | 87 | -- | -- | 10/19 | 1.0 | 26 |
| SCHILLINGER | 457.RCP | 47.1 | -- | -- | -- | -- | 93 | -- | -- | 10/19 | 2.3 | 36 |
| | AVERAGES | 50.7 | 28.0 | 33.0 | | | | | | | | |
| | CV (%) | 6.5 | 15.8 | 9.9 | | | | | | | | |
| | LSD (0.10) | 3.9 | 5.2 | 3.8 | | | | | | | | |

Values in bold are in the upper LSD group.

Southeast Agricultural Research Center, Pittsburg, Cherokee County; James Long, agronomist, 620-421-4826

Parsons silt loam, pH --, --% OM; P test: , K test: -- Freeze on 10/28 killed many entries. Mid-group V and later entries had only partially completed seed-fill.
0-0-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 8.9 12.3 9.2 2.3 2.2 8.5 43.4

Planted 7/1/2008 at 7 seeds/ft; harvested 11/4/2008; 17 ft. by 2-row plot; pesticides: 1 pt Dual II Magnum + 3 oz Canopy XL preemergence. 22 oz Roundup WeatherMax + 2 oz Resource postemergence.

Table 7. Pittsburg, Cherokee County Dryland Soybean Performance Test, Maturity Groups IV-V, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHELS | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|----------------|---------------------|-------------|-------------|------------|------------|----------------------------|------|------|-------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ADVANCED GENETICS | AG5570NRS | 43.8 | -- | -- | -- | -- | 93 | -- | -- | 10/28 | 1.8 | 26 |
| ADVANCED GENETICS | AG5022NRS | 47.5 | 38.6 | -- | 43.1 | -- | 101 | 110 | -- | 10/22 | 1.3 | 29 |
| ASGROW | AG4903 | 47.1 | 32.2 | 39.1 | 39.7 | 39.5 | 100 | 91 | 117 | 10/21 | 1.0 | 27 |
| ASGROW | AG5504 | 54.0 | -- | -- | -- | -- | 114 | -- | -- | 10/28 | 1.3 | 25 |
| ASGROW | AG5605 | 51.6 | 39.3 | 35.6 | 45.5 | 42.2 | 109 | 112 | 106 | 10/28 | 1.8 | 29 |
| DYNA-GRO | 36Y48 | 48.4 | 34.5 | 29.7 | 41.5 | 37.5 | 103 | 98 | 89 | 10/21 | 1.0 | 26 |
| KANSAS AES | KS5306NRR | 47.8 | 39.1 | 33.4 | 43.5 | 40.1 | 101 | 111 | 100 | 10/27 | 2.3 | 25 |
| KANSAS AES | KS5507NRR | 49.3 | 37.7 | 34.6 | 43.5 | 40.5 | 104 | 107 | 103 | 10/28 | 2.0 | 26 |
| MIDLAND | MG 4829NRS | 44.5 | -- | -- | -- | -- | 94 | -- | -- | 10/21 | 1.5 | 29 |
| MIDLAND | MG 4929NRS | 41.1 | -- | -- | -- | -- | 87 | -- | -- | 10/20 | 1.0 | 23 |
| MIDLAND | MG 5197NRS | 50.7 | 39.8 | 35.4 | 45.3 | 42.0 | 107 | 113 | 106 | 10/26 | 1.8 | 28 |
| MIDWEST SEED | GR4833 | 45.5 | -- | -- | -- | -- | 96 | -- | -- | 10/20 | 1.0 | 26 |
| MIDWEST SEED | GR5331 | 46.3 | 37.6 | -- | 42.0 | -- | 98 | 107 | -- | 10/26 | 1.5 | 31 |
| MORSOY | RT 4808N | 37.9 | -- | -- | -- | -- | 80 | -- | -- | 10/19 | 1.0 | 24 |
| MORSOY | RT 4987N | 43.9 | -- | -- | -- | -- | 93 | -- | -- | 10/20 | 1.5 | 26 |
| MORSOY | RT 5154N | 48.2 | 32.1 | 33.8 | 40.2 | 38.0 | 102 | 91 | 101 | 10/21 | 1.8 | 31 |
| MORSOY | RTS 4824 | 49.7 | 29.6 | 35.5 | 39.7 | 38.3 | 105 | 84 | 106 | 10/20 | 1.0 | 26 |
| MORSOY | RTS 4928N | 44.2 | -- | -- | -- | -- | 94 | -- | -- | 10/20 | 1.0 | 23 |
| M-PRIDE | MPG4905NRR | 40.9 | 23.4 | 33.6 | 32.2 | 32.6 | 87 | 66 | 100 | 10/19 | 1.8 | 27 |
| M-PRIDE | MPG4907NRR/STS | 44.1 | -- | -- | -- | -- | 93 | -- | -- | 10/21 | 1.8 | 29 |
| M-PRIDE | MPG5308NRR | 50.7 | -- | -- | -- | -- | 107 | -- | -- | 10/27 | 2.8 | 31 |
| M-PRIDE | MPG5407NRR | 49.8 | 39.9 | 37.2 | 44.9 | 42.3 | 106 | 113 | 111 | 10/25 | 2.3 | 32 |
| M-PRIDE | MPG5505NRR/STS | 53.7 | 34.9 | 33.0 | 44.3 | 40.5 | 114 | 99 | 99 | 10/28 | 2.0 | 28 |
| NC+ | 4A82RS | 46.6 | -- | -- | -- | -- | 99 | -- | -- | 10/20 | 1.0 | 27 |
| NC+ | 5A31RS | 46.0 | 39.0 | -- | 42.5 | -- | 97 | 111 | -- | 10/26 | 1.5 | 31 |
| NK | S49-H7 | 43.5 | -- | -- | -- | -- | 92 | -- | -- | 10/23 | 1.0 | 29 |
| NK | S52-F2 | 51.4 | -- | -- | -- | -- | 109 | -- | -- | 10/28 | 2.5 | 29 |
| NK | S57-P1 | 44.8 | 40.8 | 36.8 | 42.8 | 40.8 | 95 | 116 | 110 | 10/28 | 2.8 | 30 |
| PIONEER BRAND | 95Y20 | 44.4 | -- | -- | -- | -- | 94 | -- | -- | 10/26 | 1.8 | 24 |
| PIONEER BRAND | 95Y40 | 51.5 | -- | -- | -- | -- | 109 | -- | -- | 10/27 | 2.0 | 29 |
| PIONEER BRAND | 95Y41 | 48.0 | -- | -- | -- | -- | 102 | -- | -- | 10/27 | 2.8 | 30 |
| SCHILLINGER | 478.RCS | 48.4 | -- | -- | -- | -- | 103 | -- | -- | 10/22 | 1.0 | 28 |
| SCHILLINGER | 495.RC | 42.1 | -- | -- | -- | -- | 89 | -- | -- | 10/21 | 1.8 | 29 |
| SCHILLINGER | 557.RC | 54.3 | -- | -- | -- | -- | 115 | -- | -- | 10/28 | 2.0 | 29 |
| TAYLOR | EXP 4950RR | 47.0 | -- | -- | -- | -- | 100 | -- | -- | 10/20 | 1.0 | 25 |
| WILLCROSS | RR2507NSTS | 42.6 | -- | -- | -- | -- | 90 | -- | -- | 10/21 | 1.8 | 28 |
| WILLCROSS | RR2544NSTS | 53.7 | 34.7 | 37.2 | 44.2 | 41.9 | 114 | 99 | 111 | 10/26 | 2.0 | 28 |
| WILLCROSS | RR2547N | 48.1 | 42.3 | -- | 45.2 | -- | 102 | 120 | -- | 10/25 | 1.3 | 30 |
| | AVERAGES | 47.2 | 35.2 | 33.5 | | | | | | | | |
| | CV (%) | 8.3 | 13.3 | 7.9 | | | | | | | | |
| | LSD (0.10) | 4.6 | 5.5 | 3.1 | | | | | | | | |

Values in bold are in the upper LSD group.

Dale Roberds Farm, Pittsburg, Cherokee County; Bill Schapaugh, agronomist, 785-532-7242

Parsons silt loam, pH --, --% OM; P test: , K test: -- Double-cropped following wheat and planted into heavy residue.
0-0-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total
Rainfall: 8.9 12.3 9.2 2.3 2.2 8.5 43.4

Planted 6/25/2008 at 9 seeds/ft; harvested 11/5/2008; 11 ft. by 2-row plot; pesticides:

Table 8. Pittsburg, Cherokee County No-Till Double-Crop Soybean Performance Test, Maturity Groups III-IV, 2007-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|-------------|--------------------|-------------|------------|------------|----------------------------|------|-----|-------------|---------|----|
| | | 2008 | 2007 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | Mat | Lodge score | Ht (in) | |
| ADVANCED GENETICS | AG4780NRS | 35.5 | -- | -- | -- | 88 | -- | -- | 10/21 | 1.5 | 32 |
| ADVANCED GENETICS | AG4462NRR | 46.5 | -- | -- | -- | 115 | -- | -- | 10/23 | 1.8 | 32 |
| DYNA-GRO | 32C38 | 34.4 | 43.0 | -- | 38.7 | 85 | 102 | -- | 10/13 | 1.8 | 28 |
| DYNA-GRO | 33Y45 | 38.3 | -- | -- | -- | 95 | -- | -- | 10/22 | 1.5 | 29 |
| DYNA-GRO | 36C44 | 48.5 | -- | -- | -- | 120 | -- | -- | 10/20 | 1.3 | 29 |
| DYNA-GRO | 37A44 | 38.9 | 43.3 | -- | 41.1 | 96 | 102 | -- | 10/22 | 1.5 | 33 |
| DYNA-GRO | 38C42 | 40.8 | 45.2 | -- | 43.0 | 101 | 107 | -- | 10/23 | 1.8 | 29 |
| DYNA-GRO | DG 3399+RR | 36.2 | -- | -- | -- | 90 | -- | -- | 10/14 | 1.3 | 28 |
| FONTANELLE | 454 NRR | 41.9 | -- | -- | -- | 104 | -- | -- | 10/22 | 1.5 | 34 |
| FONTANELLE | 478 NRR STS | 49.3 | -- | -- | -- | 122 | -- | -- | 10/22 | 1.3 | 33 |
| NK | S39-A3 | 43.8 | -- | -- | -- | 108 | -- | -- | 10/13 | 1.3 | 29 |
| NK | S41-R6 | 31.0 | -- | -- | -- | 77 | -- | -- | 10/16 | 1.3 | 25 |
| NK | S43-N6 | 37.3 | -- | -- | -- | 92 | -- | -- | 10/21 | 1.8 | 32 |
| NK | S44-D5 | 43.0 | -- | -- | -- | 106 | -- | -- | 10/22 | 1.5 | 29 |
| NK | S46-U6 | 38.1 | 46.1 | -- | 42.1 | 94 | 109 | -- | 10/21 | 1.3 | 30 |
| NK | S47-D9 | 32.6 | -- | -- | -- | 81 | -- | -- | 10/21 | 1.5 | 28 |
| RENZE | R4038SRcn | 47.3 | 43.4 | -- | 45.4 | 117 | 103 | -- | 10/23 | 1.8 | 30 |
| RENZE | R4439SRcn | 39.2 | -- | -- | -- | 97 | -- | -- | 10/21 | 1.3 | 26 |
| SCHILLINGER | 457.RCP | 38.1 | -- | -- | -- | 94 | -- | -- | 10/22 | 1.8 | 38 |
| SCHILLINGER | 478.RCS | 47.7 | -- | -- | -- | 118 | -- | -- | 10/20 | 1.0 | 33 |
| | AVERAGES | 40.4 | 42.3 | -- | -- | | | | | | |
| | CV (%) | 10.1 | 5.3 | -- | -- | | | | | | |
| | LSD (0.10) | 4.9 | 2.7 | -- | -- | | | | | | |

Values in bold are in the upper LSD group.

Dale Roberds Farm, Pittsburg, Cherokee County; Bill Schapaugh, agronomist, 785-532-7242

Parsons silt loam, pH --, --% OM; P test: , K test: -- Double-cropped following wheat and planted into heavy residue.
0-0-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total
Rainfall: 8.9 12.3 9.2 2.3 2.2 8.5 43.4

Planted 6/25/2008 at 8 seeds/ft; harvested 11/5/2008; 11 ft. by 2-row plot; pesticides:

Table 9. Pittsburg, Cherokee County No-Till Double-Crop Soybean Performance Test, Maturity Groups IV-V, 2007-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|------------|--------------------|-------------|------------|------------|----------------------------|------|-----|-------------|---------|----|
| | | 2008 | 2007 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | Mat | Lodge score | Ht (in) | |
| ADVANCED GENETICS | AG5022NRS | 40.8 | 44.2 | -- | 42.5 | 98 | 102 | -- | 10/28 | 2.0 | 38 |
| ASGROW | AG4903 | 44.0 | 43.1 | -- | 43.6 | 106 | 99 | -- | 10/24 | 1.8 | 38 |
| ASGROW | AG5504 | 46.7 | -- | -- | -- | 112 | -- | -- | 10/30 | 1.5 | 32 |
| ASGROW | AG5605 | 47.5 | 49.3 | -- | 48.4 | 114 | 113 | -- | 10/31 | 2.0 | 36 |
| DYNA-GRO | 36Y48 | 41.6 | -- | -- | -- | 100 | -- | -- | 10/27 | 2.0 | 40 |
| KANSAS AES | KS5306NRR | 39.1 | 46.3 | -- | 42.7 | 94 | 106 | -- | 10/30 | 2.8 | 34 |
| KANSAS AES | KS5507NRR | 46.3 | 45.5 | -- | 45.9 | 111 | 105 | -- | 11/1 | 2.3 | 37 |
| MIDLAND | MG 4929NRS | 40.5 | -- | -- | -- | 97 | -- | -- | 10/23 | 1.0 | 33 |
| MIDWEST SEED | GR5433 | 39.3 | -- | -- | -- | 94 | -- | -- | 10/29 | 2.3 | 42 |
| NC+ | 5A31RS | 36.5 | 40.6 | -- | 38.6 | 88 | 93 | -- | 10/28 | 1.8 | 43 |
| NK | S49-H7 | 36.7 | -- | -- | -- | 88 | -- | -- | 10/25 | 2.0 | 37 |
| NK | S52-F2 | 38.9 | -- | -- | -- | 94 | -- | -- | 10/31 | 2.5 | 35 |
| NK | S57-P1 | 40.6 | 48.4 | -- | 44.5 | 98 | 111 | -- | 10/30 | 2.8 | 37 |
| PIONEER BRAND | 95Y20 | 42.8 | -- | -- | -- | 103 | -- | -- | 10/30 | 2.8 | 32 |
| PIONEER BRAND | 95Y40 | 47.0 | -- | -- | -- | 113 | -- | -- | 10/30 | 2.5 | 34 |

Table 9 cont. Pittsburg, Cherokee County No-Till Double-Crop Soybean Performance Test, Maturity Groups IV-V, 2007-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|---------------|------------|--------------------|------|------------|------------|----------------------------|------|-----|-------------|---------|----|
| | | 2008 | 2007 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | Mat | Lodge score | Ht (in) | |
| | | | | | | | | | | | |
| PIONEER BRAND | 95Y41 | 40.2 | -- | -- | -- | 97 | -- | -- | 10/31 | 2.0 | 38 |
| SCHILLINGER | 495.RC | 42.3 | -- | -- | -- | 102 | -- | -- | 10/25 | 2.0 | 35 |
| SCHILLINGER | 557.RC | 39.3 | -- | -- | -- | 94 | -- | -- | 10/30 | 2.0 | 33 |
| | AVERAGES | 41.6 | 43.5 | -- | -- | | | | | | |
| | CV (%) | 6.7 | 5.5 | -- | -- | | | | | | |
| | LSD (0.10) | 3.3 | 2.8 | -- | -- | | | | | | |

Values in bold are in the upper LSD group.

Vernon Egbert Farm, McCune, Crawford County; Bill Schapaugh, agronomist, 785-532-7242

Cherokee silt loam, pH --, --% OM; P test: , K test: --

0-0-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 6.7 9.5 11.8 2.7 3.7 6.8 41.1

Planted 6/26/2008 at 9 seeds/ft; harvested 10/24/2008; 11 ft. by 2-row plot; pesticides:

Table 10. McCune, Crawford County Dryland Soybean Performance Test, Maturity Groups III-IV, 2007-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|-------------|--------------------|------|------------|------------|----------------------------|------|-----|-------------|---------|----|
| | | 2008 | 2007 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | Mat | Lodge score | Ht (in) | |
| | | | | | | | | | | | |
| ADVANCED GENETICS | AG4780NRS | 37.7 | -- | -- | -- | 100 | -- | -- | 10/23 | 1.3 | 29 |
| DYNA-GRO | 32R46 | 40.9 | -- | -- | -- | 109 | -- | -- | 10/25 | 1.0 | 26 |
| DYNA-GRO | 33A40 | 32.4 | 42.4 | -- | 37.4 | 86 | 105 | -- | 10/22 | 2.0 | 29 |
| DYNA-GRO | 33Y45 | 36.4 | -- | -- | -- | 97 | -- | -- | 10/20 | 1.3 | 30 |
| DYNA-GRO | 36C44 | 40.9 | -- | -- | -- | 109 | -- | -- | 10/21 | 1.5 | 29 |
| DYNA-GRO | 37A44 | 35.3 | -- | -- | -- | 94 | -- | -- | 10/24 | 1.5 | 30 |
| DYNA-GRO | SXO8341 | 36.4 | -- | -- | -- | 97 | -- | -- | 10/17 | 1.3 | 30 |
| DYNA-GRO | SXO8940 | 35.9 | -- | -- | -- | 95 | -- | -- | 10/18 | 2.0 | 27 |
| FONTANELLE | 454 NRR | 40.8 | -- | -- | -- | 109 | -- | -- | 10/23 | 2.0 | 33 |
| FONTANELLE | 478 NRR STS | 37.4 | -- | -- | -- | 99 | -- | -- | 10/26 | 1.5 | 30 |
| MIDLAND | MG 4477NRR | 41.1 | -- | -- | -- | 109 | -- | -- | 10/21 | 1.8 | 30 |
| MIDLAND | MG 4506NRR | 39.0 | -- | -- | -- | 104 | -- | -- | 10/21 | 2.0 | 34 |
| MIDLAND | MG 4768NRR | 41.4 | -- | -- | -- | 110 | -- | -- | 10/25 | 2.0 | 34 |
| MORSOY | RT 4707N | 36.1 | -- | -- | -- | 96 | -- | -- | 10/24 | 2.3 | 33 |
| NK | S47-D9 | 33.6 | -- | -- | -- | 89 | -- | -- | 10/24 | 1.0 | 28 |
| RENZE | R4439SRcn | 37.3 | -- | -- | -- | 99 | -- | -- | 10/20 | 1.8 | 27 |
| SCHILLINGER | 457.RCP | 32.9 | -- | -- | -- | 88 | -- | -- | 10/23 | 2.8 | 36 |
| SCHILLINGER | 478.RCS | 40.6 | -- | -- | -- | 108 | -- | -- | 10/27 | 2.0 | 29 |
| | AVERAGES | 37.6 | 40.5 | -- | -- | | | | | | |
| | CV (%) | 5.7 | 4.9 | -- | -- | | | | | | |
| | LSD (0.10) | 2.5 | 2.4 | -- | -- | | | | | | |

Values in bold are in the upper LSD group.

Vernon Egbert Farm, McCune, Crawford County; Bill Schapaugh, agronomist, 785-532-7242

Cherokee silt loam, pH --, --% OM; P test: , K test: --
0-0-0 lb N-P-K fertilizer

Excellent growing conditions led to fairly severe lodging that occurred in late vegetative development. A killing freeze on 10/28 killed many entries. Mid-group V and later entries had only partially completed seed-fill.

April May June July Aug. Sept. Total

Rainfall: 6.7 9.5 11.8 2.7 3.7 6.8 41.1

Planted 6/26/2008 at 8 seeds/ft; harvested 10/24/2008; 11 ft. by 2-row plot; pesticides:

Table 11. McCune, Crawford County Dryland Soybean Performance Test, Maturity Groups IV-V, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|-----|-------------|---------|----|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | Mat | Lodge score | Ht (in) | |
| ADVANCED GENETICS | AG5570NRS | 34.5 | -- | -- | -- | -- | 90 | -- | -- | 11/2 | 2.8 | 34 |
| ADVANCED GENETICS | AG5022NRS | 40.5 | 39.7 | -- | 40.1 | -- | 106 | 99 | -- | 10/30 | 2.3 | 40 |
| ASGROW | AG4903 | 40.4 | 42.4 | -- | 41.4 | -- | 106 | 106 | -- | 10/27 | 1.0 | 35 |
| ASGROW | AG5504 | 45.4 | -- | -- | -- | -- | 119 | -- | -- | 11/3 | 1.8 | 30 |
| ASGROW | AG5605 | 40.8 | 42.8 | 16.9 | 41.8 | 33.5 | 107 | 107 | 95 | 11/2 | 2.0 | 31 |
| KANSAS AES | KS5306NRR | 32.7 | 37.6 | 19.4 | 35.2 | 29.9 | 86 | 94 | 110 | 11/1 | 3.5 | 36 |
| KANSAS AES | KS5507NRR | 35.4 | 37.5 | 21.0 | 36.5 | 31.3 | 93 | 94 | 119 | 11/3 | 3.0 | 31 |
| MIDLAND | MG 4806NRS | 40.5 | 40.0 | -- | 40.3 | -- | 106 | 100 | -- | 10/18 | 1.0 | 31 |
| MIDLAND | MG 4829NRS | 35.1 | -- | -- | -- | -- | 92 | -- | -- | 10/24 | 1.8 | 36 |
| MIDLAND | MG 4929NRS | 36.7 | -- | -- | -- | -- | 96 | -- | -- | 10/25 | 1.5 | 30 |
| MIDLAND | MG 5197NRS | 40.8 | -- | -- | -- | -- | 107 | -- | -- | 10/31 | 2.5 | 34 |
| MIDWEST SEED | GR5331 | 37.8 | -- | -- | -- | -- | 99 | -- | -- | 10/30 | 2.0 | 44 |
| MIDWEST SEED | GR5433 | 38.9 | -- | -- | -- | -- | 102 | -- | -- | 10/30 | 2.8 | 34 |
| MORSOY | RTS 4928N | 39.9 | -- | -- | -- | -- | 104 | -- | -- | 10/26 | 1.0 | 31 |
| NC+ | 5A03RR | 35.9 | -- | -- | -- | -- | 94 | -- | -- | 10/27 | 1.8 | 39 |
| NC+ | 5A31RS | 38.8 | 40.5 | -- | 39.7 | -- | 102 | 101 | -- | 10/31 | 2.3 | 43 |
| NK | S49-H7 | 38.3 | -- | -- | -- | -- | 100 | -- | -- | 10/27 | 1.3 | 36 |
| NK | S52-F2 | 36.1 | -- | -- | -- | -- | 95 | -- | -- | 10/31 | 3.0 | 31 |
| NK | S57-P1 | 33.8 | 37.6 | -- | 35.7 | -- | 88 | 94 | -- | 11/2 | 3.0 | 34 |
| PIONEER BRAND | 95Y20 | 37.5 | -- | -- | -- | -- | 98 | -- | -- | 11/1 | 3.0 | 27 |
| PIONEER BRAND | 95Y40 | 42.1 | -- | -- | -- | -- | 110 | -- | -- | 10/31 | 2.8 | 30 |
| PIONEER BRAND | 95Y41 | 36.6 | -- | -- | -- | -- | 96 | -- | -- | 11/2 | 3.5 | 32 |
| RENZE | R4836SRcn | 40.6 | 40.1 | -- | 40.4 | -- | 106 | 100 | -- | 10/19 | 1.0 | 30 |
| SCHILLINGER | 495.RC | 33.7 | -- | -- | -- | -- | 88 | -- | -- | 10/26 | 1.5 | 34 |
| SCHILLINGER | 557.RC | 36.1 | -- | -- | -- | -- | 95 | -- | -- | 11/2 | 2.0 | 30 |
| TAYLOR | EXP 4950RR | 42.1 | -- | -- | -- | -- | 110 | -- | -- | 10/24 | 1.8 | 32 |
| | AVERAGES | 38.2 | 40.1 | 17.7 | | | | | | | | |
| | CV (%) | 9.2 | 3.7 | 10.5 | | | | | | | | |
| | LSD (0.10) | 4.1 | 1.7 | 2.5 | | | | | | | | |

Values in bold are in the upper LSD group.

New Farmers field, Erie, Neosho County; James Long, agronomist, 620-421-4826

Cherokee silt loam, pH --, --% OM; P test: , K test: --
0-0-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 7.2 8.2 13.1 3.9 4.4 6.7 43.5

Planted 6/25/2008 at 9 seeds/ft; harvested 11/20/2008; 11 ft. by 2-row plot; pesticides: 1 pt Dual II Magnum + 3 oz Canopy XL preemergence. 22 oz Roundup WeatherMax + 2 oz Resource postemergence.

Table 12. Erie, Neosho County Dryland Soybean Performance Test, Maturity Groups III-IV, 2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|-------------|--------------------|----|----|------------|------------|----------------------------|----|----|-------|-------------|---------|
| | | 2008 | | | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | | | Mat | Lodge score | Ht (in) |
| ADVANCED GENETICS | AG4511NRS | 52.3 | -- | -- | -- | -- | 102 | -- | -- | 10/20 | 1.5 | 40 |
| ADVANCED GENETICS | AG4780NRS | 54.7 | -- | -- | -- | -- | 106 | -- | -- | 10/24 | 1.8 | 47 |
| DYNA-GRO | 32R46 | 53.4 | -- | -- | -- | -- | 104 | -- | -- | 10/21 | 1.0 | 37 |
| DYNA-GRO | 33Y45 | 49.9 | -- | -- | -- | -- | 97 | -- | -- | 10/21 | 1.3 | 40 |
| DYNA-GRO | 36C44 | 50.4 | -- | -- | -- | -- | 98 | -- | -- | 10/20 | 1.0 | 39 |
| DYNA-GRO | 37A44 | 53.2 | -- | -- | -- | -- | 103 | -- | -- | 10/22 | 1.5 | 47 |
| FONTANELLE | 454 NRR | 52.4 | -- | -- | -- | -- | 102 | -- | -- | 10/23 | 1.3 | 48 |
| FONTANELLE | 478 NRR STS | 54.0 | -- | -- | -- | -- | 105 | -- | -- | 10/21 | 1.0 | 45 |

Table 12 continued. Erie, Neosho County Dryland Soybean Performance Test, Maturity Groups III-IV, 2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|----------|------------|--------------------|----|------------|------------|------|----------------------------|----|------|-------|-------------|---------|
| | | 2008 | | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | | | 2008 | Mat | Lodge score | Ht (in) |
| MIDLAND | MG 4329NRR | 56.1 | -- | -- | -- | -- | 109 | -- | -- | 10/22 | 1.0 | 41 |
| MIDLAND | MG 4477NRR | 51.0 | -- | -- | -- | -- | 99 | -- | -- | 10/22 | 1.5 | 44 |
| MIDLAND | MG 4506NRR | 49.1 | -- | -- | -- | -- | 95 | -- | -- | 10/22 | 1.3 | 49 |
| MIDLAND | MG 4768NRR | 53.8 | -- | -- | -- | -- | 104 | -- | -- | 10/22 | 1.3 | 45 |
| PHILLIPS | 417NRSE | 52.5 | -- | -- | -- | -- | 102 | -- | -- | 10/18 | 1.0 | 35 |
| PHILLIPS | 439NRS | 49.8 | -- | -- | -- | -- | 97 | -- | -- | 10/19 | 1.8 | 39 |
| RENZE | R4439SRcn | 46.9 | -- | -- | -- | -- | 91 | -- | -- | 10/21 | 2.3 | 41 |
| TAYLOR | 398RRS | 52.1 | -- | -- | -- | -- | 101 | -- | -- | 10/20 | 1.5 | 42 |
| TAYLOR | 424RRS | 54.3 | -- | -- | -- | -- | 105 | -- | -- | 10/23 | 1.0 | 43 |
| | AVERAGES | 51.5 | -- | -- | -- | -- | | | | | | |
| | CV (%) | 8.3 | -- | -- | -- | -- | | | | | | |
| | LSD (0.10) | 5.0 | -- | -- | -- | -- | | | | | | |

Values in bold are in the upper LSD group.

New Farmers field, Erie, Neosho County; James Long, agronomist, 620-421-4826

Cherokee silt loam, pH --, --% OM; P test: , K test: -- Freeze on 10/28 killed many entries. Mid-goup V and later entries had only partially completed seed-fill.

0-0-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 7.2 8.2 13.1 3.9 4.4 6.7 43.5

Planted 6/25/2008 at 8 seeds/ft; harvested 11/20/2008; 11 ft. by 2-row plot; pesticides: 1 pt Dual II Magnum + 3 oz Canopy XL preemergence. 22 oz Roundup WeatherMax + 2 oz Resource postemergence.

Table 13. Erie, Neosho County Dryland Soybean Performance Test, Maturity Groups IV-V, 2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|------------|--------------------|----|------------|------------|------|----------------------------|----|------|-------|-------------|---------|
| | | 2008 | | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | | | 2008 | Mat | Lodge score | Ht (in) |
| ADVANCED GENETICS | AG5570NRS | 34.4 | -- | -- | -- | -- | 79 | -- | -- | 10/28 | 2.5 | 41 |
| ADVANCED GENETICS | AG5022NRS | 44.4 | -- | -- | -- | -- | 102 | -- | -- | 10/28 | 1.5 | 48 |
| ASGROW | AG4903 | 46.9 | -- | -- | -- | -- | 108 | -- | -- | 10/26 | 1.0 | 45 |
| ASGROW | AG5504 | 43.9 | -- | -- | -- | -- | 101 | -- | -- | 10/28 | 1.8 | 39 |
| ASGROW | AG5605 | 42.2 | -- | -- | -- | -- | 97 | -- | -- | 10/28 | 2.3 | 39 |
| KANSAS AES | KS5306NRR | 39.5 | -- | -- | -- | -- | 91 | -- | -- | 10/28 | 3.0 | 44 |
| KANSAS AES | KS5507NRR | 32.0 | -- | -- | -- | -- | 73 | -- | -- | 10/28 | 2.3 | 36 |
| MIDLAND | MG 4829NRS | 45.3 | -- | -- | -- | -- | 104 | -- | -- | 10/27 | 1.3 | 48 |
| MIDLAND | MG 5197NRS | 45.3 | -- | -- | -- | -- | 104 | -- | -- | 10/28 | 2.3 | 45 |
| MIDWEST SEED | GR5331 | 50.1 | -- | -- | -- | -- | 115 | -- | -- | 10/28 | 2.5 | 54 |
| MIDWEST SEED | GR5433 | 41.1 | -- | -- | -- | -- | 94 | -- | -- | 10/28 | 2.5 | 43 |
| NC+ | 5A03RR | 43.6 | -- | -- | -- | -- | 100 | -- | -- | 10/26 | 1.0 | 45 |
| NC+ | 5A31RS | 48.2 | -- | -- | -- | -- | 111 | -- | -- | 10/28 | 2.5 | 52 |
| PHILLIPS | 486NRS | 52.0 | -- | -- | -- | -- | 119 | -- | -- | 10/24 | 1.0 | 45 |
| SCHILLINGER | 478.RCS | 47.1 | -- | -- | -- | -- | 108 | -- | -- | 10/28 | 1.0 | 47 |
| SCHILLINGER | 495.RC | 41.3 | -- | -- | -- | -- | 95 | -- | -- | 10/28 | 2.3 | 46 |
| SCHILLINGER | 557.RC | 44.0 | -- | -- | -- | -- | 101 | -- | -- | 10/28 | 2.5 | 39 |
| | AVERAGES | 43.6 | -- | -- | -- | -- | | | | | | |
| | CV (%) | 8.0 | -- | -- | -- | -- | | | | | | |
| | LSD (0.10) | 4.1 | -- | -- | -- | -- | | | | | | |

Values in bold are in the upper LSD group.

North Central Kansas Experiment Field, Belleville, Republic County; Barney Gordon, agronomist, 785-335-2836

Crete silt loam, pH 6.4, 2.2% OM; P test: H, K test: VH
10-30-0 lb N-P-K fertilizer

Unusually cool and wet spring and summer. A hail storm on May 24 reduced stands and resulted in some plant damage.

April May June July Aug. Sept. Total

Rainfall: 4.4 5.9 4.6 3.8 2.2 4.3 25.1

Planted 5/2/2008 at 10 seeds/ft; harvested 10/10/2008; 22 ft. by 2-row plot; pesticides: 1.5 pt Dual + .25 lb Sencor + 1 qt Roundup UltraMax at planting. 1 qt Roundup UltraMax postemergence.

Table 14. Belleville, Republic County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|------------------|---------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ASGROW | AG3504 | 62.5 | 52.5 | -- | 57.5 | -- | 108 | 106 | -- | 10/4 | 1.0 | 30 |
| ASGROW | AG3803 | 66.5 | 49.4 | -- | 58.0 | -- | 115 | 100 | -- | 10/7 | 1.0 | 26 |
| ASGROW | AG3905 | 63.3 | -- | -- | -- | -- | 109 | -- | -- | 10/8 | 1.0 | 30 |
| ASGROW | AG4403 | 60.7 | -- | -- | -- | -- | 105 | -- | -- | 10/9 | 1.0 | 32 |
| DYNA-GRO | 32X39 | 53.5 | -- | -- | -- | -- | 92 | -- | -- | 10/4 | 1.0 | 26 |
| DYNA-GRO | 33C32 | 53.4 | -- | -- | -- | -- | 92 | -- | -- | 10/3 | 1.0 | 26 |
| DYNA-GRO | 35F37 | 52.7 | 48.5 | -- | 50.6 | -- | 91 | 98 | -- | 10/6 | 1.0 | 28 |
| DYNA-GRO | 35Y36 | 55.2 | 48.6 | -- | 51.9 | -- | 95 | 98 | -- | 10/4 | 1.0 | 27 |
| DYNA-GRO | 38B31 | 51.0 | -- | -- | -- | -- | 88 | -- | -- | 10/4 | 1.0 | 25 |
| DYNA-GRO | 38C42 | 59.5 | -- | -- | -- | -- | 103 | -- | -- | 10/7 | 1.0 | 29 |
| DYNA-GRO | 38P33 | 49.0 | -- | -- | -- | -- | 85 | -- | -- | 10/5 | 1.0 | 24 |
| DYNA-GRO | 38R33 | 53.4 | -- | -- | -- | -- | 92 | -- | -- | 10/3 | 1.0 | 28 |
| DYNA-GRO | 39R29 | 52.2 | -- | -- | -- | -- | 90 | -- | -- | 10/6 | 1.0 | 26 |
| DYNA-GRO | SXO8137 | 56.1 | -- | -- | -- | -- | 97 | -- | -- | 10/5 | 1.0 | 30 |
| DYNA-GRO | SXO8734STS/RR | 53.0 | -- | -- | -- | -- | 92 | -- | -- | 10/4 | 1.0 | 28 |
| DYNA-GRO | SXO8831 | 54.2 | -- | -- | -- | -- | 94 | -- | -- | 10/3 | 1.0 | 27 |
| FONTANELLE | 9488 NRR STS | 58.7 | 49.1 | 44.5 | 53.9 | 50.8 | 101 | 99 | 108 | 10/7 | 1.0 | 29 |
| FONTANELLE | 9789 NRR | 53.4 | -- | -- | -- | -- | 92 | -- | -- | 10/5 | 1.0 | 30 |
| KANSAS AES | KS3406RR | 57.4 | 49.8 | 38.6 | 53.6 | 48.6 | 99 | 100 | 94 | 10/3 | 1.0 | 27 |
| KRUGER | K-348RR/SCN | 57.0 | 47.1 | -- | 52.1 | -- | 98 | 95 | -- | 10/3 | 1.0 | 28 |
| KRUGER | K-363RR/SCN | 58.0 | 47.4 | 40.8 | 52.7 | 48.7 | 100 | 96 | 99 | 10/5 | 1.0 | 28 |
| KRUGER | K-372RR/SCN | 58.1 | -- | -- | -- | -- | 100 | -- | -- | 10/6 | 1.0 | 30 |
| KRUGER | K-384RR/SCN | 56.3 | 49.6 | -- | 53.0 | -- | 97 | 100 | -- | 10/7 | 1.0 | 29 |
| KRUGER | K-417RR/SCN | 57.2 | -- | -- | -- | -- | 99 | -- | -- | 10/8 | 1.0 | 28 |
| MIDLAND-PHILLIPS | 325NRR | 58.2 | -- | -- | -- | -- | 101 | -- | -- | 10/3 | 1.0 | 25 |
| MIDLAND-PHILLIPS | 358NRR | 59.4 | -- | -- | -- | -- | 103 | -- | -- | 10/3 | 1.0 | 26 |
| MIDLAND-PHILLIPS | 376NRR | 55.1 | 46.7 | 38.5 | 50.9 | 46.8 | 95 | 94 | 93 | 10/6 | 1.0 | 27 |
| MIDLAND-PHILLIPS | 385NRS | 57.3 | 48.9 | 41.7 | 53.1 | 49.3 | 99 | 99 | 101 | 10/7 | 1.0 | 30 |
| MIDLAND-PHILLIPS | 417NRS | 61.9 | 49.6 | -- | 55.8 | -- | 107 | 100 | -- | 10/8 | 1.0 | 30 |
| MIDLAND-PHILLIPS | 439NRS | 56.5 | -- | -- | -- | -- | 98 | -- | -- | 10/7 | 1.0 | 26 |
| MIDWEST SEED | GR3833 | 62.6 | -- | -- | -- | -- | 108 | -- | -- | 10/7 | 1.0 | 26 |
| NC+ | 3A85RS | 65.5 | 50.9 | -- | 58.2 | -- | 113 | 103 | -- | 10/5 | 1.0 | 26 |
| NC+ | 3A86RS | 64.9 | -- | -- | -- | -- | 112 | -- | -- | 10/7 | 1.0 | 28 |
| NK | S28-B4 | 48.3 | 48.9 | -- | 48.6 | -- | 83 | 99 | -- | 9/29 | 1.0 | 24 |
| NK | S30-F5 | 61.9 | -- | -- | -- | -- | 107 | -- | -- | 10/2 | 1.0 | 24 |
| NK | S32-E2 | 55.3 | -- | 39.6 | -- | -- | 96 | -- | 96 | 10/2 | 1.0 | 26 |
| NK | S34-R2 | 59.6 | -- | -- | -- | -- | 103 | -- | -- | 10/3 | 1.0 | 26 |
| NK | S35-T9 | 55.3 | -- | -- | -- | -- | 96 | -- | -- | 10/4 | 1.0 | 24 |
| NK | S36-B6 | 68.8 | 51.6 | -- | 60.2 | -- | 119 | 104 | -- | 10/4 | 1.0 | 28 |
| NK | S37-F7 | 58.3 | 50.6 | -- | 54.5 | -- | 101 | 102 | -- | 10/6 | 1.0 | 30 |
| NK | S37-P5 | 70.5 | 52.5 | -- | 61.5 | -- | 122 | 106 | -- | 10/6 | 1.0 | 28 |
| NK | S39-A3 | 59.0 | 51.0 | -- | 55.0 | -- | 102 | 103 | -- | 10/8 | 1.0 | 30 |
| OHLDE | O-3191 | 50.0 | -- | -- | -- | -- | 86 | -- | -- | 10/2 | 1.0 | 32 |
| OHLDE | O-3334 | 53.2 | 50.6 | 42.2 | 51.9 | 48.7 | 92 | 102 | 102 | 10/3 | 1.0 | 27 |
| OHLDE | O-3732 | 62.6 | -- | -- | -- | -- | 108 | -- | -- | 10/5 | 1.0 | 30 |
| OHLDE | O-3927 | 52.5 | 50.6 | -- | 51.6 | -- | 91 | 102 | -- | 10/8 | 1.0 | 30 |
| OHLDE | O-3997 | 58.2 | 52.5 | -- | 55.4 | -- | 101 | 106 | -- | 10/8 | 1.0 | 25 |
| OHLDE | X-3525 | 51.3 | -- | -- | -- | -- | 89 | -- | -- | 10/4 | 1.0 | 30 |
| RENZE | R3599RRcn | 64.1 | -- | -- | -- | -- | 111 | -- | -- | 10/4 | 1.0 | 28 |
| RENZE | R3788RRcn | 58.6 | -- | -- | -- | -- | 101 | -- | -- | 10/5 | 1.0 | 30 |
| RENZE | R4439SRcn | 57.8 | -- | -- | -- | -- | 100 | -- | -- | 10/8 | 1.0 | 30 |
| SYLVESTER | 3249NRR | 58.0 | -- | -- | -- | -- | 100 | -- | -- | 10/2 | 1.0 | 28 |

Table 14 continued. Belleville, Republic County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-----------|-------------|--------------------|-------------|------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| SYLVESTER | 3439NRR | 56.5 | -- | -- | -- | -- | 98 | -- | -- | 10/4 | 1.0 | 31 |
| SYLVESTER | 3618NRR | 61.7 | -- | -- | -- | -- | 107 | -- | -- | 10/7 | 1.0 | 26 |
| SYLVESTER | 3738NRR | 57.7 | -- | -- | -- | -- | 100 | -- | -- | 10/6 | 1.0 | 30 |
| SYLVESTER | 3919NRR | 63.9 | -- | -- | -- | -- | 110 | -- | -- | 10/6 | 1.0 | 30 |
| SYLVESTER | 3979NRR | 60.9 | -- | -- | -- | -- | 105 | -- | -- | 10/7 | 1.0 | 26 |
| SYLVESTER | 4157NRS | 57.3 | -- | -- | -- | -- | 99 | -- | -- | 10/8 | 1.0 | 28 |
| SYLVESTER | 4289NRS | 57.2 | -- | -- | -- | -- | 99 | -- | -- | 10/7 | 1.0 | 27 |
| SYLVESTER | 9A385NRS | 64.4 | -- | -- | -- | -- | 111 | -- | -- | 10/7 | 1.0 | 28 |
| TAYLOR | 353RR | 59.1 | 50.4 | -- | 54.8 | -- | 102 | 102 | -- | 10/4 | 1.0 | 25 |
| TAYLOR | EXP T3780RR | 58.7 | -- | -- | -- | -- | 101 | -- | -- | 10/7 | 1.0 | 30 |
| | AVERAGES | 57.9 | 49.6 | 41.2 | | | | | | | | |
| | CV (%) | 5.0 | 4.1 | 6.9 | | | | | | | | |
| | LSD (0.10) | 3.9 | 2.7 | 3.9 | | | | | | | | |

Values in bold are in the upper LSD group.

Harvey County Experiment Field, Hesston, Harvey County; Mark Claassen, agronomist, 620-327-2547

Ladysmith silty clay loam, pH 6.3, 2.4% OM; P test: VH, K test: VH

14-37-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 3.6 5.1 4.3 3.5 5.2 4.9 26.6

Planted 6/4/2008 at 8 seeds/ft; harvested 10/30/2008; 30 ft. by 2-row plot; pesticides: 1.5 QT Cornerstone Plus + 1.33 oz 2,4-D 6EC + 6 oz Sencor 75DF + 1 pt Superb HC + 1% AMSU preplant. 22 oz Roundup WeatherMax postemergence.

Seed planted into a moist seedbed; seedlings emerged in 5 days. Stands were good. Mean air temperatures were below normal for the season, while rainfall was above normal. Crop reached maturity before the first fall frost. Yields were outstanding for this location.

Table 15. Hesston, Harvey County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|---------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|-------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ADVANCED GENETICS | AG3840NRS | 71.4 | -- | -- | -- | -- | 116 | -- | -- | 10/10 | 1.0 | 29 |
| ADVANCED GENETICS | AG4511NRS | 56.3 | -- | -- | -- | -- | 91 | -- | -- | 10/11 | 1.5 | 37 |
| ADVANCED GENETICS | AG3833NRS | 64.9 | 26.2 | 45.4 | 45.6 | 45.5 | 105 | 81 | 121 | 10/7 | 1.0 | 30 |
| ADVANCED GENETICS | AG4222NRS | 62.8 | 27.9 | -- | 45.4 | -- | 102 | 86 | -- | 10/18 | 1.3 | 32 |
| ADVANCED GENETICS | AG4462NRR | 65.4 | -- | -- | -- | -- | 106 | -- | -- | 10/13 | 1.4 | 37 |
| ASGROW | AG3803 | 65.4 | 30.9 | -- | 48.2 | -- | 106 | 96 | -- | 10/10 | 1.3 | 36 |
| ASGROW | AG3905 | 59.1 | 35.8 | 40.5 | 47.5 | 45.1 | 96 | 111 | 108 | 10/12 | 1.0 | 35 |
| ASGROW | AG4103 | 68.3 | 25.0 | 42.3 | 46.7 | 45.2 | 111 | 77 | 113 | 10/12 | 1.3 | 37 |
| ASGROW | DKB46-51 | 61.8 | -- | 29.7 | -- | -- | 100 | -- | 79 | 10/17 | 1.4 | 39 |
| DYNA-GRO | 32C38 | 62.8 | 34.5 | 45.7 | 48.7 | 47.7 | 102 | 107 | 122 | 10/8 | 1.0 | 30 |
| DYNA-GRO | 32X39 | 58.0 | 35.4 | -- | 46.7 | -- | 94 | 110 | -- | 10/13 | 1.4 | 34 |
| DYNA-GRO | 33Y45 | 60.4 | -- | -- | -- | -- | 98 | -- | -- | 10/12 | 1.3 | 35 |
| DYNA-GRO | 35D44 | 58.5 | 42.4 | -- | 50.5 | -- | 95 | 131 | -- | 10/16 | 1.6 | 39 |
| DYNA-GRO | 35F37 | 64.3 | 33.6 | -- | 49.0 | -- | 104 | 104 | -- | 10/5 | 1.3 | 33 |
| DYNA-GRO | 35G38 | 65.2 | 23.9 | 38.6 | 44.6 | 42.6 | 106 | 74 | 103 | 10/10 | 1.0 | 31 |
| DYNA-GRO | 35Y36 | 60.1 | -- | -- | -- | -- | 97 | -- | -- | 10/4 | 1.0 | 33 |
| DYNA-GRO | 36C44 | 63.7 | -- | -- | -- | -- | 103 | -- | -- | 10/9 | 1.0 | 31 |
| DYNA-GRO | 36Y48 | 61.3 | -- | 30.2 | -- | -- | 99 | -- | 81 | 10/12 | 1.5 | 39 |
| DYNA-GRO | 38C42 | 62.4 | 30.4 | 33.6 | 46.4 | 42.1 | 101 | 94 | 90 | 10/18 | 1.0 | 33 |
| DYNA-GRO | DG 3399+RR | 58.1 | -- | -- | -- | -- | 94 | -- | -- | 10/7 | 1.3 | 32 |
| DYNA-GRO | SXO8137 | 63.6 | -- | -- | -- | -- | 103 | -- | -- | 10/10 | 0.8 | 36 |
| DYNA-GRO | SXO8341 | 59.0 | -- | -- | -- | -- | 95 | -- | -- | 10/11 | 1.0 | 35 |
| DYNA-GRO | SXO8734STS/RR | 58.5 | -- | -- | -- | -- | 95 | -- | -- | 10/6 | 1.0 | 31 |
| DYNA-GRO | SXO8940 | 64.7 | -- | -- | -- | -- | 105 | -- | -- | 10/10 | 1.5 | 35 |
| FONTANELLE | 454 NRR | 64.9 | -- | -- | -- | -- | 105 | -- | -- | 10/12 | 1.3 | 41 |
| FONTANELLE | 9488 NRR STS | 59.6 | 31.7 | -- | 45.7 | -- | 96 | 98 | -- | 10/8 | 1.1 | 31 |
| FONTANELLE | 9789 NRR | 56.3 | -- | -- | -- | -- | 91 | -- | -- | 10/1 | 1.0 | 35 |
| KANSAS AES | KS3406RR | 57.2 | 40.8 | 39.0 | 49.0 | 45.7 | 93 | 126 | 104 | 10/11 | 1.3 | 32 |
| MIDLAND | MG 3439NRR | 61.3 | -- | -- | -- | -- | 99 | -- | -- | 10/4 | 1.0 | 30 |
| MIDLAND | MG 3738NRR | 64.7 | 41.1 | -- | 52.9 | -- | 105 | 127 | -- | 10/4 | 1.0 | 36 |
| MIDLAND | MG 3919NRR | 65.0 | -- | -- | -- | -- | 105 | -- | -- | 10/11 | 1.0 | 33 |

Table 15 continued. Hesston, Harvey County Dryland Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|--------------|-------------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|-------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| MIDLAND | MG 4157NRS | 64.2 | 35.9 | -- | 50.1 | -- | 104 | 111 | -- | 10/13 | 1.1 | 37 |
| MIDLAND | MG 4289NRS | 65.2 | -- | -- | -- | -- | 106 | -- | -- | 10/18 | 1.1 | 33 |
| MIDLAND | MG 4329NRR | 63.3 | -- | -- | -- | -- | 102 | -- | -- | 10/13 | 1.3 | 36 |
| MIDLAND | MG 4419NRS | 61.7 | -- | -- | -- | -- | 100 | -- | -- | 10/11 | 1.0 | 30 |
| MIDLAND | MG 4506NRR | 60.4 | 24.6 | 28.9 | 42.5 | 38.0 | 98 | 76 | 77 | 10/13 | 1.8 | 43 |
| MIDLAND | MG 4549NRS | 60.2 | -- | -- | -- | -- | 97 | -- | -- | 10/12 | 1.8 | 36 |
| MIDLAND | MG 4768NRR | 60.7 | -- | -- | -- | -- | 98 | -- | -- | 10/17 | 1.9 | 39 |
| MIDLAND | MG 4806NRS | 60.1 | 35.9 | 35.9 | 48.0 | 44.0 | 97 | 111 | 96 | 10/14 | 1.0 | 32 |
| MIDLAND | MG 4929NRS | 61.1 | -- | -- | -- | -- | 99 | -- | -- | 10/14 | 1.1 | 35 |
| MIDLAND | MG 9A385NRS | 64.8 | 30.6 | 47.2 | 47.7 | 47.5 | 105 | 95 | 126 | 10/10 | 1.0 | 31 |
| MIDLAND | MG 9A432NRS | 63.6 | 29.5 | 33.3 | 46.6 | 42.1 | 103 | 91 | 89 | 10/12 | 1.6 | 38 |
| MIDWEST SEED | GR4133 | 60.6 | -- | -- | -- | -- | 98 | -- | -- | 10/12 | 1.1 | 35 |
| NC+ | 3A79RR | 63.1 | 42.9 | 47.4 | 53.0 | 51.1 | 102 | 133 | 127 | 10/10 | 1.0 | 31 |
| NUTECH | 7386 | 65.7 | -- | -- | -- | -- | 106 | -- | -- | 10/7 | 1.3 | 34 |
| NUTECH | 7399 | 60.6 | -- | -- | -- | -- | 98 | -- | -- | 10/13 | 1.0 | 33 |
| NUTECH | 7406 | 63.0 | -- | -- | -- | -- | 102 | -- | -- | 10/12 | 1.3 | 35 |
| NUTECH | 7443 | 59.0 | -- | -- | -- | -- | 95 | -- | -- | 10/13 | 1.4 | 41 |
| NUTECH | 7475 | 62.3 | -- | -- | -- | -- | 101 | -- | -- | 10/13 | 1.0 | 33 |
| NUTECH | NT-3909RR/SCN/STS | 59.8 | -- | -- | -- | -- | 97 | -- | -- | 10/9 | 1.0 | 31 |
| OHLDE | O-3732 | 60.6 | -- | -- | -- | -- | 98 | -- | -- | 10/5 | 1.1 | 35 |
| OHLDE | O-3927 | 60.1 | 38.5 | -- | 49.3 | -- | 97 | 119 | -- | 10/14 | 2.1 | 40 |
| OHLDE | O-3997 | 63.2 | -- | -- | -- | -- | 102 | -- | -- | 10/9 | 1.3 | 33 |
| OHLDE | X-4355 | 57.6 | -- | -- | -- | -- | 93 | -- | -- | 10/12 | 1.3 | 36 |
| PHILLIPS | 385NRS | 64.5 | 22.8 | 44.3 | 43.7 | 43.9 | 104 | 71 | 118 | 10/7 | 1.1 | 32 |
| PHILLIPS | 417NRSE | 66.8 | 31.1 | -- | 49.0 | -- | 108 | 96 | -- | 10/18 | 1.0 | 32 |
| PHILLIPS | 439NRS | 52.0 | -- | -- | -- | -- | 84 | -- | -- | 10/12 | 1.3 | 35 |
| TAYLOR | EXP T3780RR | 63.5 | -- | -- | -- | -- | 103 | -- | -- | 10/7 | 1.1 | 37 |
| | AVERAGES | 61.8 | 32.3 | 37.4 | | | | | | | | |
| | CV (%) | 6.3 | 11.9 | 13.1 | | | | | | | | |
| | LSD (0.10) | 4.5 | 4.5 | 5.7 | | | | | | | | |

Values in bold are in the upper LSD group.

Richard Seck Farm, Hutchinson, Reno County; Bill Heer, agronomist, 620-662-9021

Punkin-Taver complex, pH --, --% OM; P test: , K test: --

0-0-0 lb N-P-K fertilizer

April May June July Aug. Sept. Total

Rainfall: 2.8 5.9 5.4 2.3 2.3 4.3 23.0

Irrigation:

Planted 5/23/2008 at 8 seeds/ft; harvested ; 30 ft. by 2-row plot; pesticides:

Table 16. Hutchinson, Reno County Irrigated Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|-------------------|-----------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ADVANCED GENETICS | AG3840NRS | 62.9 | -- | -- | -- | -- | 99 | -- | -- | 9/24 | 1.0 | 33 |
| ADVANCED GENETICS | AG3833NRS | 65.3 | 56.6 | 86.5 | 61.0 | 69.5 | 103 | 104 | 116 | 9/25 | 1.3 | 36 |
| ADVANCED GENETICS | AG4222NRS | 66.0 | 55.9 | -- | 61.0 | -- | 104 | 102 | -- | 9/30 | 1.0 | 37 |
| ADVANCED GENETICS | AG4462NRR | 65.5 | -- | -- | -- | -- | 103 | -- | -- | 10/2 | 1.0 | 37 |
| ASGROW | AG3504 | 55.9 | -- | -- | -- | -- | 88 | -- | -- | 9/22 | 1.3 | 34 |
| ASGROW | AG3705 | 58.8 | 52.0 | 72.0 | 55.4 | 60.9 | 93 | 95 | 97 | 10/1 | 1.0 | 37 |
| ASGROW | AG3803 | 63.7 | 63.0 | -- | 63.4 | -- | 100 | 115 | -- | 9/28 | 1.0 | 38 |
| ASGROW | AG4103 | 59.1 | 54.9 | 71.4 | 57.0 | 61.8 | 93 | 101 | 96 | 9/27 | 1.0 | 38 |
| DYNA-GRO | 32R46 | 63.5 | -- | -- | -- | -- | 100 | -- | -- | 10/4 | 1.3 | 41 |
| DYNA-GRO | 32X39 | 61.8 | 52.5 | -- | 57.2 | -- | 97 | 96 | -- | 9/26 | 1.5 | 35 |
| DYNA-GRO | 33Y45 | 60.7 | -- | -- | -- | -- | 96 | -- | -- | 10/2 | 1.5 | 39 |
| DYNA-GRO | 35F37 | 56.6 | -- | -- | -- | -- | 89 | -- | -- | 9/29 | 1.0 | 33 |
| DYNA-GRO | 35Y36 | 65.1 | -- | -- | -- | -- | 103 | -- | -- | 9/27 | 1.0 | 36 |
| DYNA-GRO | 36C44 | 63.0 | -- | -- | -- | -- | 99 | -- | -- | 9/25 | 1.0 | 37 |
| DYNA-GRO | 37A44 | 63.6 | 54.4 | -- | 59.0 | -- | 100 | 100 | -- | 10/1 | 1.5 | 39 |

Table 16 continued. Hutchinson, Reno County Irrigated Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|--------------|-------------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| DYNA-GRO | 38C42 | 62.4 | 59.2 | 81.7 | 60.8 | 67.8 | 98 | 108 | 110 | 10/3 | 1.0 | 37 |
| DYNA-GRO | SXO8137 | 64.6 | -- | -- | -- | -- | 102 | -- | -- | 9/25 | 1.0 | 37 |
| DYNA-GRO | SXO8341 | 62.0 | -- | -- | -- | -- | 98 | -- | -- | 9/26 | 1.0 | 38 |
| DYNA-GRO | SXO8734STS/RR | 62.1 | -- | -- | -- | -- | 98 | -- | -- | 9/28 | 1.3 | 36 |
| DYNA-GRO | SXO8940 | 62.0 | -- | -- | -- | -- | 98 | -- | -- | 9/25 | 1.3 | 36 |
| FONTANELLE | 9488 NRR STS | 66.3 | 58.6 | -- | 62.5 | -- | 105 | 107 | -- | 9/27 | 1.0 | 35 |
| FONTANELLE | 9680 NRR | 64.0 | 57.3 | -- | 60.7 | -- | 101 | 105 | -- | 10/2 | 1.0 | 35 |
| KANSAS AES | KS3406RR | 59.8 | 51.4 | 77.0 | 55.6 | 62.7 | 94 | 94 | 104 | 9/25 | 1.0 | 34 |
| MIDLAND | MG 3439NRR | 64.2 | -- | -- | -- | -- | 101 | -- | -- | 9/23 | 1.0 | 33 |
| MIDLAND | MG 3738NRR | 54.8 | 53.6 | -- | 54.2 | -- | 86 | 98 | -- | 9/24 | 1.5 | 37 |
| MIDLAND | MG 3919NRR | 60.0 | -- | -- | -- | -- | 95 | -- | -- | 9/27 | 1.3 | 35 |
| MIDLAND | MG 4157NRS | 65.0 | 55.2 | -- | 60.1 | -- | 103 | 101 | -- | 9/29 | 1.0 | 38 |
| MIDLAND | MG 4289NRS | 67.2 | -- | -- | -- | -- | 106 | -- | -- | 9/27 | 1.0 | 37 |
| MIDLAND | MG 4329NRR | 63.4 | -- | -- | -- | -- | 100 | -- | -- | 10/2 | 1.0 | 41 |
| MIDLAND | MG 4419NRS | 65.6 | -- | -- | -- | -- | 103 | -- | -- | 10/2 | 1.0 | 36 |
| MIDLAND | MG 4506NRR | 63.5 | 56.1 | 68.7 | 59.8 | 62.8 | 100 | 103 | 92 | 9/26 | 1.0 | 36 |
| MIDLAND | MG 4549NRS | 60.7 | -- | -- | -- | -- | 96 | -- | -- | 9/28 | 1.0 | 40 |
| MIDLAND | MG 4768NRR | 64.3 | -- | -- | -- | -- | 101 | -- | -- | 10/5 | 1.5 | 41 |
| MIDLAND | MG 4806NRS | 63.7 | 56.8 | 68.8 | 60.3 | 63.1 | 100 | 104 | 93 | 9/28 | 1.0 | 36 |
| MIDLAND | MG 4929NRS | 62.7 | -- | -- | -- | -- | 99 | -- | -- | 10/3 | 1.0 | 42 |
| MIDLAND | MG 9A385NRS | 62.6 | 61.1 | 89.3 | 61.9 | 71.0 | 99 | 112 | 120 | 9/25 | 1.5 | 34 |
| MIDLAND | MG 9A432NRS | 61.4 | 56.0 | 74.9 | 58.7 | 64.1 | 97 | 103 | 101 | 10/4 | 1.5 | 36 |
| MIDWEST SEED | GR3832 | 68.9 | 55.8 | 82.7 | 62.4 | 69.1 | 109 | 102 | 111 | 9/25 | 1.3 | 35 |
| MIDWEST SEED | GR3833 | 68.4 | -- | -- | -- | -- | 108 | -- | -- | 9/25 | 1.0 | 33 |
| MIDWEST SEED | GR3934 | 62.3 | 58.6 | -- | 60.5 | -- | 98 | 107 | -- | 9/25 | 1.0 | 37 |
| MIDWEST SEED | GR4133 | 61.3 | -- | -- | -- | -- | 97 | -- | -- | 9/29 | 1.5 | 38 |
| NC+ | 3A85RS | 66.3 | 58.1 | 83.4 | 62.2 | 69.3 | 105 | 106 | 112 | 9/25 | 1.0 | 36 |
| NC+ | 3A93RR | 64.6 | -- | -- | -- | -- | 102 | -- | -- | 9/28 | 1.0 | 37 |
| NUTECH | 7386 | 72.1 | -- | -- | -- | -- | 114 | -- | -- | 9/25 | 1.0 | 34 |
| NUTECH | 7406 | 62.9 | -- | -- | -- | -- | 99 | -- | -- | 9/29 | 1.5 | 37 |
| NUTECH | 7417 | 67.1 | -- | -- | -- | -- | 106 | -- | -- | 9/26 | 1.0 | 37 |
| NUTECH | 7438 | 65.8 | -- | -- | -- | -- | 104 | -- | -- | 9/27 | 1.3 | 34 |
| NUTECH | 7443 | 66.3 | -- | -- | -- | -- | 105 | -- | -- | 10/4 | 1.0 | 40 |
| NUTECH | NT-3909RR/SCN/STS | 58.9 | -- | -- | -- | -- | 93 | -- | -- | 9/25 | 1.0 | 34 |
| OHLDE | O-3727 | 69.0 | 60.1 | -- | 64.6 | -- | 109 | 110 | -- | 9/29 | 1.0 | 34 |
| OHLDE | O-3732 | 61.6 | -- | -- | -- | -- | 97 | -- | -- | 9/24 | 1.0 | 36 |
| OHLDE | O-4232 | 67.6 | -- | -- | -- | -- | 107 | -- | -- | 9/29 | 1.0 | 35 |
| OHLDE | O-4292 | 60.3 | 57.9 | 77.9 | 59.1 | 65.4 | 95 | 106 | 105 | 10/3 | 1.3 | 38 |
| OHLDE | O-4595 | 66.7 | 56.4 | -- | 61.6 | -- | 105 | 103 | -- | 10/6 | 1.3 | 39 |
| PHILLIPS | 376NRR | 65.6 | 54.1 | 77.6 | 59.9 | 65.8 | 103 | 99 | 104 | 9/26 | 1.3 | 34 |
| PHILLIPS | 385NRS | 65.4 | 58.2 | 85.6 | 61.8 | 69.7 | 103 | 107 | 115 | 9/24 | 1.3 | 34 |
| PHILLIPS | 417NRSE | 63.6 | 54.5 | -- | 59.1 | -- | 100 | 100 | -- | 10/3 | 1.0 | 37 |
| PHILLIPS | 439NRS | 64.4 | -- | -- | -- | -- | 102 | -- | -- | 10/6 | 1.0 | 41 |
| PHILLIPS | 486NRS | 70.5 | -- | -- | -- | -- | 111 | -- | -- | 10/5 | 1.0 | 43 |
| SCHILLINGER | 457.RCP | 62.0 | -- | -- | -- | -- | 98 | -- | -- | 10/2 | 1.0 | 35 |
| TAYLOR | 398RRS | 65.5 | 56.7 | -- | 61.1 | -- | 103 | 104 | -- | 9/25 | 1.0 | 35 |
| | AVERAGES | 63.4 | 54.6 | 74.3 | | | | | | | | |
| | CV (%) | 6.5 | 11.5 | 8.3 | | | | | | | | |
| | LSD (0.10) | 4.8 | 7.3 | 7.2 | | | | | | | | |

Values in bold are in the upper LSD group.

Northwest Research-Extension Center, Colby, Thomas County; Pat Evans, agronomist, 785-462-6281

Keith silt loam, pH --, --% OM; P test: , K test: --

Good planting conditions and early season growing conditions. Early summer conditions were normal until mid-August, when it was cooler and wetter than normal.

50-30-0 lb N-P-K fertilizer

| | April | May | June | July | Aug. | Sept. | Total |
|-------------|-------|-----|------|------|------|-------|-------|
| Rainfall: | 1.6 | 0.8 | 0.9 | 3.5 | 3.1 | 2.8 | 12.8 |
| Irrigation: | | 0.8 | 1.0 | 6.5 | 4.3 | | 12.55 |

Planted 5/16/2008 at 9 seeds/ft; harvested 10/3/2008; 20 ft. by 2-row plot; pesticides: Two applications of 1.25 pt Glyphosate postemergence.

Table 17. Colby, Thomas County Irrigated Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHELS | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|------------|---------------|---------------------|-------------|------|------------|------------|----------------------------|------|------|------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ASGROW | AG2906 | 80.3 | -- | -- | -- | -- | 108 | -- | -- | 9/21 | 1.8 | 36 |
| ASGROW | AG3205 | 75.0 | -- | -- | -- | -- | 101 | -- | -- | 9/24 | 1.8 | 39 |
| ASGROW | AG3402 | 70.1 | 77.5 | -- | 73.8 | -- | 94 | 102 | -- | 9/27 | 2.3 | 38 |
| ASGROW | AG3504 | 78.2 | 81.9 | -- | 80.1 | -- | 105 | 108 | -- | 9/28 | 2.0 | 41 |
| DYNA-GRO | 33C32 | 72.1 | -- | -- | -- | -- | 97 | -- | -- | 9/23 | 1.5 | 35 |
| DYNA-GRO | 35D33 | 75.3 | 77.1 | 67.3 | 76.2 | 73.2 | 101 | 102 | 111 | 9/28 | 2.8 | 39 |
| DYNA-GRO | 35G38 | 76.5 | 74.4 | -- | 75.5 | -- | 103 | 98 | -- | 10/2 | 2.0 | 39 |
| DYNA-GRO | 38P33 | 66.3 | -- | -- | -- | -- | 89 | -- | -- | 9/25 | 1.8 | 41 |
| DYNA-GRO | 38R33 | 79.7 | 76.1 | -- | 77.9 | -- | 107 | 100 | -- | 9/24 | 1.5 | 39 |
| DYNA-GRO | 39R29 | 76.4 | -- | -- | -- | -- | 103 | -- | -- | 9/23 | 1.8 | 35 |
| DYNA-GRO | SXO8734STS/RR | 77.0 | -- | -- | -- | -- | 103 | -- | -- | 9/27 | 1.8 | 36 |
| KANSAS AES | KS3406RR | 72.5 | 74.0 | 60.1 | 73.3 | 68.9 | 97 | 98 | 99 | 9/24 | 1.3 | 36 |
| MIDLAND | MG 3439NRR | 75.9 | -- | -- | -- | -- | 102 | -- | -- | 9/27 | 1.3 | 38 |
| MIDLAND | MG 3738NRR | 76.9 | -- | -- | -- | -- | 103 | -- | -- | 10/1 | 2.0 | 42 |
| MIDLAND | MG 3919NRR | 74.0 | -- | -- | -- | -- | 99 | -- | -- | 10/1 | 1.8 | 40 |
| MIDLAND | MG 9A385NRS | 68.2 | 82.3 | -- | 75.3 | -- | 92 | 109 | -- | 9/30 | 2.5 | 36 |
| NK | S28-B4 | 77.1 | 77.4 | -- | 77.3 | -- | 104 | 102 | -- | 9/20 | 1.0 | 33 |
| NK | S30-F5 | 79.1 | -- | -- | -- | -- | 106 | -- | -- | 9/23 | 1.8 | 37 |
| NK | S32-E2 | 72.4 | -- | 52.5 | -- | -- | 97 | -- | 87 | 9/23 | 2.3 | 37 |
| NUTECH | 7316 | 76.5 | -- | -- | -- | -- | 103 | -- | -- | 9/25 | 1.8 | 36 |
| NUTECH | 7324 | 75.3 | -- | -- | -- | -- | 101 | -- | -- | 9/22 | 1.3 | 39 |
| NUTECH | 7353 | 74.0 | -- | -- | -- | -- | 99 | -- | -- | 9/28 | 1.5 | 38 |
| NUTECH | 7354 | 72.3 | -- | -- | -- | -- | 97 | -- | -- | 9/25 | 1.3 | 37 |
| | AVERAGES | 74.4 | 75.8 | 60.6 | | | | | | | | |
| | CV (%) | 10.5 | 7.5 | 11.5 | | | | | | | | |
| | LSD (0.10) | 9.2 | 6.7 | 8.2 | | | | | | | | |

Values in bold are in the upper LSD group.

Southwest Research-Extension Center, Garden City, Finney County; Monty Spangler, agronomist, 620-276-8286

Keith silt loam, pH 7.6, 2.1% OM; P test: , K test: --

Trial originally planted May 22, but hail storm destroyed seedlings. Test replanted July 1. Hot and dry through mid-August, then cooler and wetter than normal through early September.

0-0-0 lb N-P-K fertilizer

| | April | May | June | July | Aug. | Sept. | Total |
|-------------|-------|-----|------|------|------|-------|-------|
| Rainfall: | 1.6 | 1.9 | 3.1 | 1.2 | 2.5 | 0.7 | 11.1 |
| Irrigation: | | | 0.7 | 1.7 | 2.1 | | 4.51 |

Planted 7/1/2008 at 10 seeds/ft; harvested 10/28/2008; 21 ft. by 2-row plot; pesticides:

Table 18. Garden City, Finney County Irrigated Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHELS | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|--------------|------------|---------------------|-------------|------|------------|------------|----------------------------|------|------|-------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| ASGROW | AG3402 | 30.9 | -- | -- | -- | -- | 116 | -- | -- | 10/10 | 1.0 | 25 |
| ASGROW | AG3504 | 25.2 | -- | -- | -- | -- | 94 | -- | -- | 10/12 | 1.0 | 24 |
| ASGROW | AG3705 | 29.0 | 46.7 | 61.4 | 37.9 | 45.7 | 109 | 81 | 101 | 10/15 | 1.0 | 24 |
| ASGROW | AG3803 | 29.9 | 63.8 | -- | 46.9 | -- | 112 | 110 | -- | 10/15 | 1.0 | 25 |
| DRUSSEL SEED | DSS 3788RR | 26.9 | -- | -- | -- | -- | 101 | -- | -- | 10/16 | 1.0 | 26 |
| DRUSSEL SEED | DSS 3844RR | 22.8 | 53.9 | -- | 38.4 | -- | 85 | 93 | -- | 10/14 | 1.0 | 22 |
| DYNA-GRO | 32X39 | 26.8 | 52.4 | -- | 39.6 | -- | 100 | 91 | -- | 10/14 | 1.0 | 24 |
| DYNA-GRO | 33Y45 | 27.3 | -- | -- | -- | -- | 102 | -- | -- | 10/19 | 1.0 | 24 |
| DYNA-GRO | 35F37 | 24.1 | 56.9 | -- | 40.5 | -- | 90 | 98 | -- | 10/13 | 1.0 | 23 |

Table 18 continued. Garden City, Finney County Irrigated Soybean Performance Test, 2006-2008

| BRAND | NAME | ACRE YIELD, BUSHEL | | | | | YIELD AS % OF TEST AVERAGE | | | 2008 | | |
|--------------|-------------------|--------------------|-------------|-------------|------------|------------|----------------------------|------|------|-------|-------------|---------|
| | | 2008 | 2007 | 2006 | 2-Yr. AVG. | 3-Yr. AVG. | 2008 | 2007 | 2006 | Mat | Lodge score | Ht (in) |
| DYNA-GRO | 35Y36 | 24.3 | 53.9 | -- | 39.1 | -- | 91 | 93 | -- | 10/14 | 1.0 | 22 |
| DYNA-GRO | 36C44 | 24.3 | -- | -- | -- | -- | 91 | -- | -- | 10/18 | 1.0 | 22 |
| DYNA-GRO | 37A44 | 29.1 | 60.2 | -- | 44.7 | -- | 109 | 104 | -- | 10/18 | 1.0 | 26 |
| DYNA-GRO | 37J34 | 26.5 | 57.5 | -- | 42.0 | -- | 99 | 99 | -- | 10/13 | 1.0 | 23 |
| DYNA-GRO | 38C42 | 22.9 | 59.8 | 64.4 | 41.4 | 49.0 | 86 | 103 | 106 | 10/18 | 1.0 | 23 |
| DYNA-GRO | DG 3399+RR | 23.9 | 60.4 | -- | 42.2 | -- | 90 | 105 | -- | 10/13 | 1.0 | 24 |
| DYNA-GRO | SXO8137 | 24.4 | -- | -- | -- | -- | 91 | -- | -- | 10/15 | 1.0 | 23 |
| DYNA-GRO | SXO8341 | 25.1 | -- | -- | -- | -- | 94 | -- | -- | 10/13 | 1.0 | 23 |
| DYNA-GRO | SXO8734STS/RR | 26.8 | -- | -- | -- | -- | 100 | -- | -- | 10/14 | 1.0 | 22 |
| DYNA-GRO | SXO8940 | 28.7 | -- | -- | -- | -- | 107 | -- | -- | 10/14 | 1.0 | 24 |
| KANSAS AES | KS3406RR | 21.4 | 51.1 | 58.6 | 36.3 | 43.7 | 80 | 88 | 97 | 10/10 | 1.0 | 21 |
| MIDLAND | MG 3439NRR | 27.0 | -- | -- | -- | -- | 101 | -- | -- | 10/7 | 1.0 | 24 |
| MIDLAND | MG 3738NRR | 31.9 | 64.4 | -- | 48.2 | -- | 119 | 111 | -- | 10/16 | 1.0 | 26 |
| MIDLAND | MG 3919NRR | 33.0 | -- | -- | -- | -- | 124 | -- | -- | 10/15 | 1.0 | 24 |
| MIDLAND | MG 4157NRS | 26.0 | 57.6 | -- | 41.8 | -- | 97 | 100 | -- | 10/18 | 1.0 | 25 |
| MIDLAND | MG 4289NRS | 23.6 | -- | -- | -- | -- | 88 | -- | -- | 10/19 | 1.0 | 23 |
| MIDLAND | MG 4329NRR | 27.7 | -- | -- | -- | -- | 104 | -- | -- | 10/18 | 1.0 | 21 |
| MIDLAND | MG 4419NRS | 25.2 | -- | -- | -- | -- | 94 | -- | -- | 10/18 | 1.0 | 22 |
| MIDLAND | MG 4506NRR | 33.2 | 61.6 | 66.1 | 47.4 | 53.6 | 124 | 107 | 109 | 10/18 | 1.0 | 28 |
| MIDLAND | MG 4549NRS | 28.3 | -- | -- | -- | -- | 106 | -- | -- | 10/16 | 1.0 | 23 |
| MIDLAND | MG 4806NRS | 22.4 | 64.9 | 60.9 | 43.7 | 49.4 | 84 | 112 | 101 | 10/14 | 1.0 | 23 |
| MIDLAND | MG 9A385NRS | 27.9 | 58.0 | 69.7 | 43.0 | 51.9 | 104 | 100 | 115 | 10/16 | 1.0 | 22 |
| MIDLAND | MG 9A432NRS | 28.0 | 64.7 | 71.3 | 46.4 | 54.7 | 105 | 112 | 118 | 10/18 | 1.0 | 25 |
| MIDWEST SEED | GR3934 | 28.3 | -- | -- | -- | -- | 106 | -- | -- | 10/16 | 1.0 | 24 |
| NC+ | 3A93RR | 28.5 | -- | -- | -- | -- | 107 | -- | -- | 10/17 | 1.0 | 24 |
| NK | S36-B6 | 31.2 | 61.2 | -- | 46.2 | -- | 117 | 106 | -- | 10/14 | 1.0 | 23 |
| NK | S37-F7 | 25.7 | -- | -- | -- | -- | 96 | -- | -- | 10/12 | 1.0 | 25 |
| NK | S37-P5 | 31.0 | -- | -- | -- | -- | 116 | -- | -- | 10/12 | 1.0 | 26 |
| NK | S39-A3 | 29.9 | -- | -- | -- | -- | 112 | -- | -- | 10/14 | 1.0 | 24 |
| NK | S41-R6 | 23.0 | -- | -- | -- | -- | 86 | -- | -- | 10/17 | 1.0 | 22 |
| NK | S43-N6 | 24.7 | -- | -- | -- | -- | 93 | -- | -- | 10/12 | 1.0 | 27 |
| NK | S44-D5 | 26.5 | -- | -- | -- | -- | 99 | -- | -- | 10/15 | 1.0 | 26 |
| NUTECH | 7354 | 30.8 | -- | -- | -- | -- | 115 | -- | -- | 10/9 | 1.0 | 24 |
| NUTECH | 7386 | 23.7 | -- | -- | -- | -- | 89 | -- | -- | 10/13 | 1.0 | 23 |
| NUTECH | 7417 | 27.5 | -- | -- | -- | -- | 103 | -- | -- | 10/12 | 1.0 | 23 |
| NUTECH | 7438 | 20.3 | -- | -- | -- | -- | 76 | -- | -- | 10/17 | 1.0 | 21 |
| NUTECH | NT-3888CR | 26.4 | -- | -- | -- | -- | 99 | -- | -- | 10/15 | 1.0 | 22 |
| NUTECH | NT-3909RR/SCN/STS | 22.8 | -- | -- | -- | -- | 85 | -- | -- | 10/13 | 1.0 | 23 |
| PHILLIPS | 376NRR | 26.9 | -- | -- | -- | -- | 101 | -- | -- | 10/14 | 1.0 | 22 |
| PHILLIPS | 417NRSE | 23.3 | 61.1 | -- | 42.2 | -- | 87 | 106 | -- | 10/19 | 1.0 | 23 |
| PHILLIPS | 439NRS | 26.5 | -- | -- | -- | -- | 99 | -- | -- | 10/16 | 1.0 | 24 |
| | AVERAGES | 26.7 | 57.8 | 60.6 | | | | | | | | |
| | CV (%) | 13.5 | 11.2 | 9.4 | | | | | | | | |
| | LSD (0.10) | 4.2 | 7.6 | 6.7 | | | | | | | | |

Values in bold are in the upper LSD group.

Table 19. Yield as a Percentage of Test Average from 2008 Tests

| BRAND/NAME | Water-ville | Topeka dryland | Topeka irrigated | Pittsburg | | | | McCune | | Erie | | Belle-ville | Hesston | Hutch-inson | Colby | Garden City | AVG |
|--------------------------|-------------|----------------|------------------|-----------|-----|-------|------|--------|------|------|------|-------------|---------|-------------|-------|-------------|-----|
| | | | | Ottawa | MG4 | DMG 4 | MG 5 | DMG 5 | MG 4 | MG 5 | MG 4 | | | | | | |
| ADVANCED GENETICS | | | | | | | | | | | | | | | | | |
| AG3833NRS | -- | 97 | 113 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | 103 | -- | -- | 104 |
| AG3840NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 116 | 99 | -- | -- | 107 |
| AG4222NRS | -- | -- | 108 | 99 | -- | -- | -- | -- | -- | -- | -- | -- | 102 | 104 | -- | -- | 103 |
| AG4462NRR | -- | -- | -- | 99 | 115 | -- | -- | -- | -- | -- | -- | -- | 106 | 103 | -- | -- | 106 |
| AG4511NRS | -- | -- | -- | 98 | -- | -- | -- | -- | -- | 102 | -- | -- | 91 | -- | -- | -- | 97 |
| AG4780NRS | -- | -- | -- | 117 | 88 | 109 | -- | -- | 100 | -- | 106 | -- | -- | -- | -- | -- | 104 |
| AG5022NRS | -- | -- | -- | 114 | -- | -- | 101 | 98 | -- | 106 | -- | 102 | -- | -- | -- | -- | 104 |
| AG5570NRS | -- | -- | -- | -- | -- | -- | 93 | -- | -- | 90 | -- | 79 | -- | -- | -- | -- | 87 |
| ASGROW | | | | | | | | | | | | | | | | | |
| AG2906 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 108 | -- | 108 |
| AG3205 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | -- | 101 |
| AG3402 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 94 | 116 | 106 |
| AG3504 | 105 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 108 | -- | 88 | 105 | 94 | 101 |
| AG3602 | 98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 100 |
| AG3603 | -- | 93 | 103 | 90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 95 |
| AG3705 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 93 | -- | 109 | 101 |
| AG3803 | -- | 98 | 99 | 107 | -- | -- | -- | -- | -- | -- | -- | 115 | 106 | 100 | -- | 112 | 105 |
| AG3905 | 89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 109 | 96 | -- | -- | -- | 98 |
| AG4103 | -- | 106 | 109 | 100 | -- | -- | -- | -- | -- | -- | -- | -- | 111 | 93 | -- | -- | 104 |
| AG4403 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | -- | -- | -- | -- | 105 |
| AG4903 | -- | -- | -- | -- | -- | 100 | 106 | -- | 106 | -- | 108 | -- | -- | -- | -- | -- | 105 |
| AG5504 | -- | -- | -- | -- | -- | 114 | 112 | -- | 119 | -- | 101 | -- | -- | -- | -- | -- | 112 |
| AG5605 | -- | -- | -- | -- | -- | 109 | 114 | -- | 107 | -- | 97 | -- | -- | -- | -- | -- | 107 |
| DKB46-51 | -- | 109 | 77 | 107 | -- | -- | -- | -- | -- | -- | -- | -- | 100 | -- | -- | -- | 98 |
| DRUSSEL SEED | | | | | | | | | | | | | | | | | |
| DSS 3788RR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | 101 |
| DSS 3844RR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 85 | 85 |
| DYNA-GRO | | | | | | | | | | | | | | | | | |
| 32C38 | -- | 103 | 98 | 103 | 85 | -- | -- | -- | -- | -- | -- | -- | 102 | -- | -- | -- | 98 |
| 32R46 | -- | -- | -- | 93 | -- | 110 | -- | -- | 109 | -- | 104 | -- | -- | 100 | -- | -- | 103 |
| 32X39 | -- | 99 | 86 | -- | -- | -- | -- | -- | -- | -- | -- | 92 | 94 | 97 | -- | 100 | 95 |
| 33A37 | -- | 98 | 93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 95 |
| 33A40 | -- | -- | -- | -- | -- | 97 | -- | -- | 86 | -- | -- | -- | -- | -- | -- | -- | 92 |
| 33C32 | -- | 75 | 90 | -- | -- | -- | -- | -- | -- | -- | -- | 92 | -- | -- | 97 | -- | 89 |
| 33Y45 | -- | -- | 90 | 105 | 95 | 101 | -- | -- | 97 | -- | 97 | -- | 98 | 96 | -- | 102 | 98 |
| 35D33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | -- | 101 |
| 35D44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 95 | -- | -- | -- | 95 |
| 35F37 | -- | 102 | 104 | -- | -- | -- | -- | -- | -- | -- | -- | 91 | 104 | 89 | -- | 90 | 97 |
| 35G38 | -- | 90 | 93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 | -- | 103 | -- | 98 |
| 35Y36 | -- | 97 | 105 | -- | -- | -- | -- | -- | -- | -- | -- | 95 | 97 | 103 | -- | 91 | 98 |
| 36C44 | -- | -- | 96 | 108 | 120 | 97 | -- | -- | 109 | -- | 98 | -- | 103 | 99 | -- | 91 | 102 |
| 36Y48 | -- | -- | -- | -- | -- | -- | 103 | 100 | -- | -- | -- | -- | 99 | -- | -- | -- | 101 |
| 37A44 | -- | 120 | 105 | -- | 96 | 96 | -- | -- | 94 | -- | 103 | -- | -- | 100 | -- | 109 | 103 |
| 37J34 | -- | -- | 98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 | 99 |
| 38B31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 88 | -- | -- | -- | -- | 88 |
| 38C42 | -- | 102 | 96 | 103 | 101 | 93 | -- | -- | -- | -- | -- | 103 | 101 | 98 | -- | 86 | 98 |
| 38P33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 85 | -- | -- | 89 | -- | 87 |
| 38R33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92 | -- | -- | 107 | -- | 100 |
| 39R29 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 90 | -- | -- | 103 | -- | 96 |
| DG 3399+RR | -- | 92 | 91 | -- | 90 | -- | -- | -- | -- | -- | -- | -- | 94 | -- | -- | 90 | 91 |
| SXO8137 | -- | 103 | 95 | -- | -- | -- | -- | -- | -- | -- | -- | 97 | 103 | 102 | -- | 91 | 99 |
| SXO8341 | -- | -- | -- | 99 | -- | 99 | -- | -- | 97 | -- | -- | -- | 95 | 98 | -- | 94 | 97 |
| SXO8734STS/RR | -- | 85 | 96 | 90 | -- | -- | -- | -- | -- | -- | -- | 92 | 95 | 98 | 103 | 100 | 95 |
| SXO8831 | 95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 94 | -- | -- | -- | -- | 94 |
| SXO8940 | -- | -- | -- | -- | -- | 98 | -- | -- | 95 | -- | -- | -- | 105 | 98 | -- | 107 | 101 |

Table 19 continued. Yield as a Percentage of Test Average from 2008 Tests

| BRAND/NAME | Water-ville | Topeka dryland | Topeka irrigated | Ottawa | Pittsburg | | | | McCune | | Erie | | Belle-ville | Hesston | Hutch-inson | Colby | Garden City | AVG |
|--------------------|-------------|----------------|------------------|--------|-----------|-------|------|-------|--------|------|------|------|-------------|---------|-------------|-------|-------------|-----|
| | | | | | MG4 | DMG 4 | MG 5 | DMG 5 | MG 4 | MG 5 | MG 4 | MG 5 | | | | | | |
| FONTANELLE | | | | | | | | | | | | | | | | | | |
| 407 NRR STS | -- | 108 | -- | 110 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 109 |
| 454 NRR | -- | -- | -- | -- | 104 | 102 | -- | -- | 109 | -- | 102 | -- | -- | 105 | -- | -- | -- | 104 |
| 478 NRR STS | -- | -- | -- | 106 | 122 | 110 | -- | -- | 99 | -- | 105 | -- | -- | -- | -- | -- | -- | 108 |
| 9488 NRR STS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | 96 | 105 | -- | -- | -- | 100 |
| 9680 NRR | 104 | 91 | 101 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | -- | -- | -- | 100 |
| 9789 NRR | 96 | 90 | 97 | 89 | -- | -- | -- | -- | -- | -- | -- | 92 | 91 | -- | -- | -- | -- | 93 |
| G2 GENETICS | | | | | | | | | | | | | | | | | | |
| 7333 | -- | 87 | -- | 85 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 86 |
| 7381 | -- | 86 | 123 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 104 |
| 7383 | -- | -- | 114 | 93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 104 |
| 7391 | -- | 105 | 107 | 107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 |
| KANSAS AES | | | | | | | | | | | | | | | | | | |
| KS3406RR | 106 | 93 | 96 | 86 | -- | -- | -- | -- | -- | -- | -- | 99 | 93 | 94 | 97 | 80 | 95 | |
| KS4404RR | 97 | 95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97 | |
| KS5306NRR | -- | -- | -- | -- | -- | 101 | 94 | -- | 86 | -- | 91 | -- | -- | -- | -- | -- | 93 | |
| KS5507NRR | -- | -- | -- | -- | -- | 104 | 111 | -- | 93 | -- | 73 | -- | -- | -- | -- | -- | 95 | |
| KRUGER | | | | | | | | | | | | | | | | | | |
| EX39A08 | -- | 99 | 107 | 100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 102 |
| K-348RR/SCN | 87 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 98 | -- | -- | -- | -- | -- | 95 |
| K-363RR/SCN | 96 | -- | 103 | -- | -- | -- | -- | -- | -- | -- | -- | 100 | -- | -- | -- | -- | -- | 99 |
| K-372RR/SCN | 103 | 106 | 98 | 99 | -- | -- | -- | -- | -- | -- | -- | 100 | -- | -- | -- | -- | -- | 101 |
| K-384RR/SCN | 95 | 99 | 98 | 104 | -- | -- | -- | -- | -- | -- | -- | 97 | -- | -- | -- | -- | -- | 99 |
| K-389RR/SCN | -- | -- | 102 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 |
| K-410RR/SCN | -- | -- | 98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 98 |
| K-417RR/SCN | 100 | 121 | 102 | 80 | -- | -- | -- | -- | -- | -- | -- | 99 | -- | -- | -- | -- | -- | 100 |
| K-433RR/SCN | -- | -- | 112 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 112 |
| K-476RR/SCN | -- | 114 | 87 | 97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 100 |
| K-489RR/SCN | -- | 107 | 101 | 117 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 108 |
| KX3783RN | -- | 98 | 91 | 97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 95 |
| LEWIS | | | | | | | | | | | | | | | | | | |
| 3698 | 94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 94 |
| 3909 | 97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97 |
| 4009 | 107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 |
| 4159 | 106 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 |
| MIDLAND | | | | | | | | | | | | | | | | | | |
| MG 3439NRR | 102 | -- | 88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 | 101 | 102 | 101 | 99 | |
| MG 3618NRR | 102 | 99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 |
| MG 3738NRR | 99 | 92 | 100 | 89 | -- | -- | -- | -- | -- | -- | -- | -- | 105 | 86 | 103 | 119 | 99 | |
| MG 3919NRR | 101 | 103 | 101 | 85 | -- | -- | -- | -- | -- | -- | -- | -- | 105 | 95 | 99 | 124 | 102 | |
| MG 3979NRR | 97 | 100 | -- | 93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97 |
| MG 4157NRS | 99 | 104 | 98 | 99 | -- | -- | -- | -- | -- | -- | -- | -- | 104 | 103 | -- | 97 | 101 | |
| MG 4289NRS | 107 | 91 | 113 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 | 106 | -- | 88 | 102 | |
| MG 4329NRR | -- | 101 | 92 | 100 | -- | -- | -- | -- | -- | -- | 109 | -- | 102 | 100 | -- | 104 | 101 | |
| MG 4419NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 100 | 103 | -- | 94 | 99 | |
| MG 4477NRR | -- | 111 | 101 | 102 | -- | 99 | -- | -- | 109 | -- | 99 | -- | -- | -- | -- | -- | 104 | |
| MG 4506NRR | -- | 107 | -- | 100 | -- | 100 | -- | -- | 104 | -- | 95 | -- | 98 | 100 | -- | 124 | 104 | |
| MG 4549NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97 | 96 | -- | 106 | 100 | |
| MG 4768NRR | -- | -- | -- | 116 | -- | 97 | -- | -- | 110 | -- | 104 | -- | 98 | 101 | -- | -- | 105 | |
| MG 4806NRS | -- | -- | -- | -- | -- | -- | -- | -- | 106 | -- | -- | -- | 97 | 100 | -- | 84 | 97 | |
| MG 4829NRS | -- | -- | -- | 112 | -- | -- | 94 | -- | -- | 92 | -- | 104 | -- | -- | -- | -- | 101 | |
| MG 4929NRS | -- | -- | -- | -- | -- | -- | 87 | 97 | -- | 96 | -- | -- | 99 | 99 | -- | -- | 96 | |
| MG 5197NRS | -- | -- | -- | -- | -- | -- | 107 | -- | -- | 107 | -- | 104 | -- | -- | -- | -- | 106 | |
| MG 9A385NRS | 91 | 107 | 94 | 103 | -- | -- | -- | -- | -- | -- | -- | -- | 105 | 99 | 92 | 104 | 99 | |
| MG 9A432NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 | 97 | -- | 105 | 102 | |

Table 19 continued. Yield as a Percentage of Test Average from 2008 Tests

| BRAND/NAME | Water-ville | Topeka dryland | Topeka irrigated | Ottawa | Pittsburg | | | | McCune | | Erie | | Belle-ville | Hesston | Hutch-inson | Colby | Garden City | AVG |
|-------------------------|-------------|----------------|------------------|--------|-----------|-------|------|-------|--------|------|------|------|-------------|---------|-------------|-------|-------------|-----|
| | | | | | MG4 | DMG 4 | MG 5 | DMG 5 | MG 4 | MG 5 | MG 4 | MG 5 | | | | | | |
| MIDLAND-PHILLIPS | | | | | | | | | | | | | | | | | | |
| 325NRR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | -- | -- | -- | -- | 101 |
| 358NRR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 | -- | -- | -- | -- | 103 |
| 376NRR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 95 | -- | -- | -- | -- | 103 |
| 385NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 | -- | -- | -- | -- | 98 |
| 417NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 | -- | -- | -- | -- | 102 |
| 439NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 98 | -- | -- | -- | -- | 98 |
| MIDWEST SEED | | | | | | | | | | | | | | | | | | |
| GR3832 | -- | -- | 99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 109 | -- | -- | -- | 104 |
| GR3833 | -- | 107 | 112 | 101 | -- | -- | -- | -- | -- | -- | -- | 108 | -- | 108 | -- | -- | -- | 107 |
| GR3934 | -- | -- | 101 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 98 | -- | 106 | -- | 102 |
| GR4133 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 98 | 97 | -- | -- | -- | 97 |
| GR4455 | -- | -- | -- | 104 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 104 |
| GR4833 | -- | -- | -- | 116 | -- | -- | 96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 |
| GR5331 | -- | -- | -- | -- | -- | -- | 98 | -- | -- | 99 | -- | 115 | -- | -- | -- | -- | -- | 104 |
| GR5433 | -- | -- | -- | -- | -- | -- | -- | 94 | -- | 102 | -- | 94 | -- | -- | -- | -- | -- | 97 |
| MORSOY | | | | | | | | | | | | | | | | | | |
| RT 4126N | -- | -- | -- | 103 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 |
| RT 4457N | -- | -- | -- | 94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 94 |
| RT 4485N | -- | -- | -- | 100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 100 |
| RT 4707N | -- | -- | -- | 106 | -- | 101 | -- | -- | 96 | -- | -- | -- | -- | -- | -- | -- | -- | 101 |
| RT 4808N | -- | -- | -- | -- | -- | -- | 80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 80 |
| RT 4987N | -- | -- | -- | -- | -- | -- | 93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 93 |
| RT 5154N | -- | -- | -- | -- | -- | -- | 102 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 102 |
| RTS 4718N | -- | -- | -- | -- | -- | 110 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 110 |
| RTS 4824 | -- | -- | -- | 108 | -- | -- | 105 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 |
| RTS 4928N | -- | -- | -- | -- | -- | -- | 94 | -- | -- | 104 | -- | -- | -- | -- | -- | -- | -- | 99 |
| M-PRIDE | | | | | | | | | | | | | | | | | | |
| MPG3808NRR | -- | -- | -- | 94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 94 |
| MPG3908NRR/STS | -- | -- | -- | 92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92 |
| MPG4209NRR | -- | -- | -- | 97 | -- | 107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 102 |
| MPG4509NRR/STS | -- | -- | -- | 109 | -- | 100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 104 |
| MPG48-1NRR/STS* | -- | -- | -- | 94 | -- | 99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97 |
| MPG48-2NRR/STS* | -- | -- | -- | 97 | -- | 88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 93 |
| MPG48-3NRR/STS* | -- | -- | -- | 106 | -- | 106 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 |
| MPG4905NRR | -- | -- | -- | 104 | -- | -- | 87 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 96 |
| MPG4907NRR/STS | -- | -- | -- | 88 | -- | -- | 93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 91 |
| MPG5308NRR | -- | -- | -- | -- | -- | -- | 107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 |
| MPG5407NRR | -- | -- | -- | -- | -- | -- | 106 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 |
| MPG5505NRR/STS | -- | -- | -- | -- | -- | -- | 114 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 114 |
| NC+ | | | | | | | | | | | | | | | | | | |
| 3A79RR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 102 | -- | -- | -- | -- | 102 |
| 3A85RS | 102 | 101 | 100 | -- | -- | -- | -- | -- | -- | -- | -- | 113 | -- | 105 | -- | -- | -- | 104 |
| 3A86RS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 112 | -- | -- | -- | -- | -- | 112 |
| 3A93RR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 102 | -- | 107 | -- | 104 |
| 4A15RS | -- | 105 | -- | 95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 100 |
| 4A45RS | -- | -- | -- | 107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 |
| 4A81RS | -- | -- | -- | 103 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 |
| 4A82RS | -- | -- | -- | -- | -- | -- | 99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 |
| 5A03RR | -- | -- | -- | -- | -- | -- | -- | -- | 94 | -- | 100 | -- | -- | -- | -- | -- | -- | 97 |
| 5A31RS | -- | -- | -- | -- | -- | -- | 97 | 88 | -- | 102 | -- | 111 | -- | -- | -- | -- | -- | 99 |

*Experimental varieties.

Table 19 continued. Yield as a Percentage of Test Average from 2008 Tests

| BRAND/NAME | Water-ville | Topeka dryland | Topeka irrigated | Ottawa | Pittsburg | | | | McCune | | Erie | | Belle-ville | Hesston | Hutch-inson | Colby | Garden City | AVG |
|-------------------|-------------|----------------|------------------|--------|-----------|-------|------|-------|--------|------|------|------|-------------|---------|-------------|-------|-------------|-----|
| | | | | | MG4 | DMG 4 | MG 5 | DMG 5 | MG 4 | MG 5 | MG 4 | MG 5 | | | | | | |
| NK | | | | | | | | | | | | | | | | | | |
| S28-B4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 83 | -- | -- | 104 | -- | 97 |
| S30-F5 | 91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 | -- | -- | 106 | -- | 102 |
| S32-E2 | 91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 96 | -- | -- | 97 | -- | 95 |
| S34-R2 | 108 | -- | 105 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 | -- | -- | -- | -- | 105 |
| S35-T9 | 96 | 89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 96 | -- | -- | -- | -- | 93 |
| S36-B6 | 102 | 110 | 88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 119 | -- | -- | -- | 117 | 107 |
| S37-F7 | 102 | 96 | 119 | 96 | -- | -- | -- | -- | -- | -- | -- | -- | 101 | -- | -- | -- | 96 | 101 |
| S37-P5 | 111 | 89 | 103 | 84 | -- | -- | -- | -- | -- | -- | -- | -- | 122 | -- | -- | -- | 116 | 104 |
| S39-A3 | 105 | 93 | 117 | 100 | 108 | -- | -- | -- | -- | -- | -- | -- | 102 | -- | -- | -- | 112 | 105 |
| S41-R6 | -- | 94 | 98 | 90 | 77 | 87 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 86 | 89 |
| S43-N6 | -- | 95 | 98 | 84 | 92 | 96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 93 | 93 |
| S44-D5 | -- | -- | -- | 113 | 106 | 106 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 | 106 |
| S46-U6 | -- | -- | -- | 110 | 94 | 109 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 104 |
| S47-D9 | -- | -- | -- | 93 | 81 | 87 | -- | -- | 89 | -- | -- | -- | -- | -- | -- | -- | -- | 87 |
| S49-H7 | -- | -- | -- | 107 | -- | -- | 92 | 88 | -- | 100 | -- | -- | -- | -- | -- | -- | -- | 97 |
| S52-F2 | -- | -- | -- | -- | -- | -- | 109 | 94 | -- | 95 | -- | -- | -- | -- | -- | -- | -- | 99 |
| S57-P1 | -- | -- | -- | -- | -- | -- | 95 | 98 | -- | 88 | -- | -- | -- | -- | -- | -- | -- | 94 |
| NUTECH | | | | | | | | | | | | | | | | | | |
| 7316 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 | -- | 103 |
| 7324 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | -- | 101 |
| 7353 | -- | 89 | 90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 | -- | 93 |
| 7354 | -- | 96 | -- | 94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97 | 115 | 101 |
| 7375 | -- | 89 | 95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92 |
| 7386 | -- | 105 | 112 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 | 114 | -- | 89 | 105 | |
| 7399 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 98 | -- | -- | -- | 98 | |
| 7406 | -- | 116 | -- | 104 | -- | -- | -- | -- | -- | -- | -- | -- | 102 | 99 | -- | -- | 105 | |
| 7417 | -- | 105 | 92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 | -- | 103 | 101 | |
| 7438 | -- | -- | -- | 102 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 104 | -- | 76 | 94 | |
| 7443 | -- | 119 | 84 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 95 | 105 | -- | -- | 101 | |
| 7445 | -- | -- | -- | 107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 | |
| 7475 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | -- | -- | -- | 101 | |
| NT3777+RR | -- | -- | 109 | 87 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 98 |
| NT3888CR | -- | -- | 96 | 93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 | 96 |
| NT3909RR/SCN/STS- | 84 | 107 | 97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97 | 93 | -- | 85 | 94 | |
| NT4444+RR/SCN | -- | 108 | -- | 113 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 110 | |
| OHLDE | | | | | | | | | | | | | | | | | | |
| O-3191 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 86 | -- | -- | -- | -- | 86 |
| O-3334 | 98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 92 | -- | -- | -- | -- | 99 |
| O-3532 | 94 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 97 |
| O-3727 | 109 | -- | 98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 109 | -- | -- | -- | 105 |
| O-3732 | 105 | 94 | 97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 108 | 98 | 97 | -- | -- | 100 |
| O-3927 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 91 | 97 | -- | -- | -- | 94 |
| O-3997 | 96 | 98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | 102 | -- | -- | -- | 99 |
| O-4232 | 101 | -- | 102 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 | -- | -- | -- | 103 |
| O-4292 | -- | -- | -- | 107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 95 | -- | -- | -- | 101 |
| O-4595 | -- | 118 | -- | 105 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | -- | -- | -- | 109 |
| X-3525 | 106 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 89 | -- | -- | -- | -- | 98 |
| X-4355 | -- | -- | -- | 96 | -- | -- | -- | -- | -- | -- | -- | -- | 93 | -- | -- | -- | -- | 94 |
| PHILLIPS | | | | | | | | | | | | | | | | | | |
| 358NRR | -- | 92 | 95 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 93 |
| 376NRR | -- | 92 | 116 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 | -- | 101 | 103 | |
| 385NRS | -- | 103 | 112 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 104 | 103 | -- | -- | 106 | |
| 417NRSE | -- | 106 | 100 | -- | -- | -- | -- | -- | -- | 102 | -- | -- | 108 | 100 | -- | 87 | 101 | |
| 439NRS | -- | 107 | 96 | -- | -- | -- | -- | -- | -- | 97 | -- | -- | 84 | 102 | -- | 99 | 97 | |
| 486NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 119 | -- | -- | 111 | -- | -- | 115 | |

Table 19 continued. Yield as a Percentage of Test Average from 2008 Tests

| BRAND/NAME | Water-ville | Topeka dryland | Topeka irrigated | Ottawa | Pittsburg | | | | McCune | | Erie | | Belle-ville | Hutch-son | Garden City | AVG |
|----------------------|-------------|----------------|------------------|--------|-----------|-------|------|-------|--------|------|------|------|-------------|-----------|-------------|-----|
| | | | | | MG4 | DMG 4 | MG 5 | DMG 5 | MG 4 | MG 5 | MG 4 | MG 5 | | | | |
| PIONEER BRAND | | | | | | | | | | | | | | | | |
| 95Y20 | -- | -- | -- | -- | -- | -- | 94 | 103 | -- | 98 | -- | -- | -- | -- | -- | 98 |
| 95Y40 | -- | -- | -- | -- | -- | -- | 109 | 113 | -- | 110 | -- | -- | -- | -- | -- | 111 |
| 95Y41 | -- | -- | -- | -- | -- | -- | 102 | 97 | -- | 96 | -- | -- | -- | -- | -- | 98 |
| PRAIRIE BRAND | | | | | | | | | | | | | | | | |
| PB-3637NRR | 105 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 |
| PB-3796NRR | 96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 96 |
| PB-3858NRRSTS | 100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 100 |
| PB-3997NRR | 101 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 |
| PB-4058NRRSTS | 106 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 106 |
| RENZE | | | | | | | | | | | | | | | | |
| R3599RRcn | 89 | -- | 95 | -- | -- | -- | -- | -- | -- | -- | -- | 111 | -- | -- | -- | 98 |
| R3788RRcn | 120 | 90 | 107 | -- | -- | -- | -- | -- | -- | -- | -- | 101 | -- | -- | -- | 105 |
| R4038SRcn | 102 | 115 | -- | -- | 117 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 108 |
| R4439SRcn | 92 | 110 | 92 | 94 | 97 | -- | -- | -- | 99 | -- | 91 | -- | 100 | -- | -- | 97 |
| R4836SRcn | -- | -- | -- | 89 | -- | -- | -- | -- | -- | 106 | -- | -- | -- | -- | -- | 98 |
| SCHILLINGER | | | | | | | | | | | | | | | | |
| 457.RCP | -- | -- | -- | -- | 94 | 93 | -- | -- | 88 | -- | -- | -- | -- | 98 | -- | 93 |
| 478.RCS | -- | -- | -- | -- | 118 | -- | 103 | -- | 108 | -- | -- | 108 | -- | -- | -- | 109 |
| 495.RC | -- | -- | -- | -- | -- | -- | 89 | 102 | -- | 88 | -- | 95 | -- | -- | -- | 93 |
| 557.RC | -- | -- | -- | -- | -- | -- | 115 | 94 | -- | 95 | -- | 101 | -- | -- | -- | 101 |
| SYLVESTER | | | | | | | | | | | | | | | | |
| 3249NRR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 100 | -- | -- | -- | 100 |
| 3439NRR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 98 | -- | -- | -- | 98 |
| 3618NRR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 | -- | -- | -- | 107 |
| 3738NRR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 100 | -- | -- | -- | 100 |
| 3919NRR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 110 | -- | -- | -- | 110 |
| 3979NRR | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | -- | -- | -- | 105 |
| 4157NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 | -- | -- | -- | 99 |
| 4289NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 | -- | -- | -- | 99 |
| 9A385NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 111 | -- | -- | -- | 111 |
| TAYLOR | | | | | | | | | | | | | | | | |
| 353RR | -- | 87 | 101 | -- | -- | -- | -- | -- | -- | -- | -- | 102 | -- | -- | -- | 97 |
| 398RRS | 108 | -- | 100 | -- | -- | -- | -- | -- | -- | -- | 101 | -- | -- | 103 | -- | 103 |
| 424RRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 | -- | -- | -- | -- | 105 |
| 445RR | -- | -- | -- | 111 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 111 |
| 487RRS | -- | -- | -- | 107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 107 |
| EXP 4950RR | -- | -- | -- | -- | -- | -- | 100 | -- | -- | 110 | -- | -- | -- | -- | -- | 105 |
| EXP A-3920RR | 101 | 108 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 104 |
| EXP D-3600RR | -- | -- | 105 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 105 |
| EXP D-3720RR | 100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 100 |
| EXP T3780RR | 113 | 103 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 | 103 | -- | -- | 105 |
| WILLCROSS | | | | | | | | | | | | | | | | |
| RR2397N | -- | -- | 108 | 97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 102 |
| RR2440NSTS | -- | -- | 99 | 103 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 101 |
| RR2450N | -- | -- | 99 | 107 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 |
| RR2460NS | -- | -- | 98 | 99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 99 |
| RR2470NSTS | -- | -- | 99 | 108 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 |
| RR2477NSTS | -- | -- | 103 | 104 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 103 |
| RR2490NSTS | -- | -- | 81 | 110 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 95 |
| RR2498NSTS | -- | -- | 105 | 98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 102 |
| RR2507NSTS | -- | -- | -- | -- | -- | -- | 90 | -- | -- | -- | -- | -- | -- | -- | -- | 90 |
| RR2544NSTS | -- | -- | -- | -- | -- | -- | 114 | -- | -- | -- | -- | -- | -- | -- | -- | 114 |
| RR2547N | -- | -- | -- | -- | -- | -- | 102 | -- | -- | -- | -- | -- | -- | -- | -- | 102 |

Table 20. Description of Entries in 2008 Soybean Performance Tests

| BRAND | NAME | Maturity Group | Flower color | Hilum color | SCN Resistance | | | | | Phytophthora | | STS |
|-------------------|---------------|----------------|--------------|-------------|----------------|----|----|-----|----------|--------------|-----------|-----|
| | | | | | R1 | R3 | R4 | R14 | Source | RR | Tolerance | |
| ADVANCED GENETICS | AG3833NRS | 3.8 | W | Bf | -- | R | -- | MR | PI88.788 | Rps1c | 4.0 | STS |
| ADVANCED GENETICS | AG3840NRS | 3.8 | W | Bf | -- | R | -- | MR | PI88788 | Rps1c | 2.5 | STS |
| ADVANCED GENETICS | AG4222NRS | 4.2 | W | Bl | -- | R | -- | MR | PI88788 | -- | 3.0 | STS |
| ADVANCED GENETICS | AG4462NRR | 4.4 | P | Lb | -- | R | -- | MR | PI88788 | Rps1a | 3.0 | -- |
| ADVANCED GENETICS | AG4511NRS | 4.5 | 9 | Bl | -- | MR | -- | -- | -- | -- | 3.0 | STS |
| ADVANCED GENETICS | AG4780NRS | 4.7 | W | Bl | -- | R | -- | MR | PI88788 | Rps1c | 3.4 | STS |
| ADVANCED GENETICS | AG5022NRS | 5.0 | P | Lb | -- | R | -- | MR | PI88788 | -- | 4.0 | STS |
| ADVANCED GENETICS | AG5570NRS | 5.5 | W | Bf | -- | MR | -- | -- | -- | Rps1c | 2.8 | STS |
| ASGROW | AG2906 | 2.9 | W | Bl | -- | MR | -- | -- | PI88788 | S | 6.0 | -- |
| ASGROW | AG3205 | 3.2 | P | lb | -- | MR | -- | -- | PI88788 | Rps1c | 6.0 | -- |
| ASGROW | AG3402 | 3.4 | P | Bl | -- | MR | -- | -- | -- | Rps1c | 5.0 | -- |
| ASGROW | AG3504 | 3.5 | P | lb | -- | MR | -- | -- | PI88788 | Rps1c | 6.0 | STS |
| ASGROW | AG3602 | 3.6 | P | IB | -- | MR | -- | -- | PI88788 | Rps1c | 7.0 | -- |
| ASGROW | AG3603 | 3.6 | P | Bl | -- | MR | -- | -- | PI88788 | Rps1c | 6.0 | -- |
| ASGROW | AG3705 | 3.7 | P | Bl | -- | R | -- | -- | PI88788 | Rps1c | 6.0 | -- |
| ASGROW | AG3803 | 3.8 | P | lb | -- | R | -- | -- | PI88788 | Rps1c | 4.0 | -- |
| ASGROW | AG3905 | 3.9 | P | Bl | S | R | S | S | PI88788 | Rps1c | 5.0 | -- |
| ASGROW | AG4103 | 4.1 | W | Bf | -- | MR | -- | -- | PI88788 | Rps1a | 5.0 | -- |
| ASGROW | AG4403 | 4.4 | P | Bl | S | MR | S | S | PI88788 | Rps1a | 6.0 | -- |
| ASGROW | AG4903 | 4.9 | P | Bl | -- | -- | -- | -- | PI88788 | S | 7.0 | STS |
| ASGROW | AG5504 | 5.5 | -- | -- | -- | -- | -- | -- | PI88788 | S | -- | STS |
| ASGROW | AG5605 | 5.6 | P | IB | -- | MR | -- | MR | PI88788 | S | 5.0 | STS |
| ASGROW | DKB46-51 | 4.6 | W | Bl | S | R | S | MR | PI88788 | S | 5.0 | -- |
| DRUSSEL SEED | DSS 3788RR | 3.7 | P | IB | -- | R | -- | MR | PI88788 | Rps1c | 2.0 | -- |
| DRUSSEL SEED | DSS 3844RR | 3.8 | P | Bl | -- | -- | -- | -- | -- | -- | 3.0 | -- |
| DYNA-GRO | 31Y38 | 3.8 | P | Bl | -- | -- | -- | -- | -- | -- | 2.0 | -- |
| DYNA-GRO | 32C38 | 3.8 | W | Br | -- | R | -- | R | PI88788 | Rps1c | 3.0 | -- |
| DYNA-GRO | 32R46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DYNA-GRO | 32X39 | 3.9 | P | Bl | -- | R | -- | R | PI88788 | Rps1c | 3.0 | -- |
| DYNA-GRO | 33A37 | 3.7 | P | IB | -- | R | -- | R | PI88788 | Rps1c | 3.0 | -- |
| DYNA-GRO | 33A40 | 4.0 | P | Bl | -- | R | -- | R | PI88788 | -- | 2.0 | STS |
| DYNA-GRO | 33C32 | 3.2 | W | Y | S | R | S | MR | PI88788 | -- | 3.0 | -- |
| DYNA-GRO | 33Y45 | 4.5 | P | Bl | S | R | S | MR | PI88788 | -- | 2.0 | STS |
| DYNA-GRO | 35D33 | 3.3 | P | IB | -- | -- | -- | -- | -- | -- | -- | -- |
| DYNA-GRO | 35D44 | 4.4 | W | Bl | -- | -- | -- | -- | PI88788 | -- | 3.0 | STS |
| DYNA-GRO | 35F37 | 3.7 | P | Bl | -- | R | -- | R | PI88788 | Rps1k | 3.0 | -- |
| DYNA-GRO | 35G38 | 3.8 | P | Bl | -- | R | -- | R | -- | -- | 2.0 | -- |
| DYNA-GRO | 35Y36 | 3.6 | P | Bl | -- | R | -- | R | PI88788 | -- | 3.0 | -- |
| DYNA-GRO | 36C44 | 4.4 | P | Bl | S | R | S | MR | PI88788 | -- | 3.0 | STS |
| DYNA-GRO | 36Y48 | 4.8 | P | Br | -- | R | -- | R | -- | -- | 3.0 | STS |
| DYNA-GRO | 37A44 | 4.5 | P | Br | -- | R | -- | R | PI88788 | -- | 2.0 | -- |
| DYNA-GRO | 37J34 | 3.4 | P | Bl | -- | R | -- | R | PI88788 | Rps1c | 3.0 | -- |
| DYNA-GRO | 38B31 | 3.1 | P | Bl | -- | R | -- | R | PI88788 | Rps1c | 2.0 | -- |
| DYNA-GRO | 38C42 | 4.2 | W | Bl | -- | R | -- | R | -- | -- | 4.0 | STS |
| DYNA-GRO | 38P33 | 3.3 | W | Y | S | R | S | MR | PI88788 | Rps1c | 4.0 | -- |
| DYNA-GRO | 38R33 | 3.3 | P | Bl | -- | R | -- | R | PI88788 | Rps1c | 3.0 | -- |
| DYNA-GRO | 39R29 | 2.9 | P | Br | S | R | S | MR | PI88788 | Rps1k | 3.0 | -- |
| DYNA-GRO | DG 3399+RR | 3.9 | P | Bl | -- | -- | -- | -- | -- | Rps1a | -- | -- |
| DYNA-GRO | SXO8137 | 3.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DYNA-GRO | SXO8341 | 4.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | STS |
| DYNA-GRO | SXO8537 | 3.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DYNA-GRO | SXO8734STS/RR | 3.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | STS |
| DYNA-GRO | SXO8831 | 3.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DYNA-GRO | SXO8940 | 4.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | STS |
| FONTANELLE | 407 NRR STS | 4.0 | P | Bl | -- | R | -- | -- | -- | S | -- | -- |
| FONTANELLE | 454 NRR | 4.4 | P | Br | -- | R | -- | -- | -- | S | 3.0 | -- |
| FONTANELLE | 478 NRR STS | 4.7 | P | Bl | -- | MR | -- | -- | -- | S | -- | -- |
| FONTANELLE | 9488 NRR STS | 3.8 | W | Bf | R | R | -- | R | PI88788 | Rps1k | -- | STS |
| FONTANELLE | 9680 NRR | 3.8 | P | IB | R | R | -- | R | PI88788 | Rps1k | -- | -- |
| FONTANELLE | 9789 NRR | 3.8 | W | Bf | -- | R | -- | -- | -- | Rps1c | 5.0 | -- |
| G2 GENETICS | 7333 | 3.4 | P | Bl | R | R | R | -- | PI88788 | Rps1c | 5.0 | -- |
| G2 GENETICS | 7381 | 3.8 | P | Bl | R | R | R | -- | PI88788 | Rps1k | 5.0 | -- |

Table 20 continued. Description of Entries in 2008 Soybean Performance Tests

| BRAND | NAME | Maturity Group | Flower color | Hilum color | SCN Resistance | | | | | Phytophthora | | STS |
|------------------|-------------|----------------|--------------|-------------|----------------|----|----|-----|----------|--------------|-----------|-----|
| | | | | | R1 | R3 | R4 | R14 | Source | RR | Tolerance | |
| G2 GENETICS | 7383 | 3.8 | W | Bl | R | R | R | -- | PI88788 | Rps1k | 4.0 | -- |
| G2 GENETICS | 7391 | 3.9 | W | Bl | R | R | R | -- | PI88788 | Rps1k | 5.0 | -- |
| KANSAS AES | KS3406RR | 3.3 | P | Br | -- | S | -- | -- | -- | -- | -- | -- |
| KANSAS AES | KS4404RR | 4.4 | P | Br | S | S | S | S | -- | -- | -- | -- |
| KANSAS AES | KS4704RR | 4.7 | W | Br | S | S | S | S | -- | -- | -- | -- |
| KANSAS AES | KS5306NRR | 5.2 | W | Bl | R | R | R | R | PI437654 | -- | -- | -- |
| KANSAS AES | KS5507NRR | 5.2 | P | IB | R | R | R | R | PI437654 | -- | -- | -- |
| KRUGER | EX39A08 | 4.3 | P | Bl | -- | R | -- | -- | PI88788 | S | -- | -- |
| KRUGER | K-348RR/SCN | 3.4 | R | Bl | -- | R | -- | -- | PI88788 | Rps1c | -- | -- |
| KRUGER | K-363RR/SCN | 3.6 | P | Bl | -- | R | -- | -- | PI88788 | -- | -- | -- |
| KRUGER | K-372RR/SCN | 3.7 | P | Bf | -- | R | -- | -- | PI88788 | S | -- | -- |
| KRUGER | K-384RR/SCN | 3.8 | W | Bf | -- | R | -- | -- | PI88788 | Rps1c | 7.0 | -- |
| KRUGER | K-389RR/SCN | 3.8 | W | Bf | -- | R | -- | -- | PI88788 | Rps1c | -- | STS |
| KRUGER | K-410RR/SCN | 4.0 | P | Bl | -- | R | -- | -- | PI88788 | -- | -- | STS |
| KRUGER | K-417RR/SCN | 4.1 | P | Bl | -- | R | -- | -- | PI88788 | S | -- | -- |
| KRUGER | K-433RR/SCN | 4.3 | P | Br | -- | R | -- | -- | PI88788 | -- | -- | -- |
| KRUGER | K-476RR/SCN | 4.7 | P | IB | -- | R | -- | -- | PI88788 | -- | -- | STS |
| KRUGER | K-489RR/SCN | 4.8 | W | Bl | -- | R | -- | -- | PI88788 | Rps1c | -- | -- |
| KRUGER | KX3783RN | 4.2 | P | Bl | -- | R | -- | -- | PI88788 | S | -- | -- |
| LEWIS | 3698 | 3.7 | P | Bf | -- | R | -- | -- | PI88788 | Rps1c | 2.0 | -- |
| LEWIS | 3909 | 3.9 | W | Bf | -- | R | -- | -- | PI88788 | Rps1c | 2.0 | -- |
| LEWIS | 4009 | 4.0 | P | IB | -- | MR | -- | -- | PI88788 | Rps1c | 2.0 | -- |
| LEWIS | 4159 | 4.1 | P | Bl | -- | R | -- | -- | PI88788 | -- | 3.0 | -- |
| MIDLAND | MG 3439NRR | 3.4 | -- | -- | -- | R | -- | MR | PI88788 | -- | 1.8 | -- |
| MIDLAND | MG 3618NRR | 3.6 | -- | -- | -- | R | -- | MR | PI88788 | Rps1c | 3.0 | -- |
| MIDLAND | MG 3738NRR | 3.7 | -- | -- | -- | MR | -- | MR | PI88788 | Rps1c | 3.0 | -- |
| MIDLAND | MG 3919NRR | 3.9 | -- | -- | -- | MR | -- | -- | PI88788 | -- | 1.9 | -- |
| MIDLAND | MG 3979NRR | 3.9 | -- | -- | -- | MR | -- | MR | PI88788 | -- | 1.5 | -- |
| MIDLAND | MG 4157NRS | 4.1 | -- | -- | -- | R | -- | MR | PI88788 | -- | 4.0 | STS |
| MIDLAND | MG 4289NRS | 4.2 | -- | -- | -- | R | -- | MR | PI88788 | -- | 2.0 | STS |
| MIDLAND | MG 4329NRR | 4.3 | -- | -- | -- | -- | -- | MR | PI88788 | -- | 2.2 | -- |
| MIDLAND | MG 4419NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MIDLAND | MG 4477NRR | 4.4 | -- | -- | -- | MR | -- | -- | PI88788 | -- | 4.0 | -- |
| MIDLAND | MG 4506NRR | 4.5 | -- | -- | -- | R | -- | MR | PI88788 | -- | 4.0 | STS |
| MIDLAND | MG 4549NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MIDLAND | MG 4768NRR | 4.7 | -- | -- | -- | R | -- | -- | PI88788 | Rps1c | 4.0 | -- |
| MIDLAND | MG 4806NRS | 4.8 | -- | -- | -- | R | -- | MR | PI88788 | Rpa1a | 3.6 | STS |
| MIDLAND | MG 4829NRS | 4.8 | -- | -- | -- | R | -- | MR | PI88788 | -- | 1.9 | STS |
| MIDLAND | MG 4929NRS | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MIDLAND | MG 5197NRS | 5.1 | -- | -- | -- | R | -- | -- | PI88788 | -- | 3.0 | STS |
| MIDLAND | MG 9A385NRS | 3.8 | W | Bf | -- | R | -- | -- | PI88788 | Rps1c | 3.8 | STS |
| MIDLAND | MG 9A432NRS | 4.3 | P | IB | S | R | S | MR | PI88788 | -- | 3.6 | STS |
| MIDLAND-PHILLIPS | 325NRR | 3.2 | P | IB | -- | -- | -- | -- | -- | -- | 1.9 | -- |
| MIDLAND-PHILLIPS | 358NRR | 3.5 | W | Bf | -- | -- | -- | -- | PI88788 | Rps1c | 1.9 | -- |
| MIDLAND-PHILLIPS | 376NRR | 3.7 | P | B | -- | -- | -- | -- | -- | -- | 1.9 | -- |
| MIDLAND-PHILLIPS | 385NRS | 3.8 | W | Bf | -- | -- | -- | -- | -- | Rps1c | 1.7 | STS |
| MIDLAND-PHILLIPS | 417NRS | 4.1 | W | B | R | -- | -- | MR | -- | -- | 1.6 | -- |
| MIDLAND-PHILLIPS | 439NRS | 4.2 | P | Bl | -- | -- | -- | -- | -- | -- | 1.7 | -- |
| MIDWEST SEED | GR3832 | 3.8 | W | Bf | -- | R | -- | R | PI88788 | Rps1c | 3.0 | -- |
| MIDWEST SEED | GR3833 | 3.8 | W | Bl | -- | R | -- | R | PI88788 | Rps1c | 2.2 | -- |
| MIDWEST SEED | GR3934 | 3.9 | W | Bf | -- | R | -- | R | PI88788 | Rps1c | 4.0 | -- |
| MIDWEST SEED | GR4133 | 4.1 | P | Bl | -- | R | -- | R | PI88788 | -- | 1.7 | -- |
| MIDWEST SEED | GR4455 | 4.4 | P | Br | -- | R | -- | R | PI88788 | -- | 3.0 | -- |
| MIDWEST SEED | GR4833 | 4.8 | W | Bl | -- | R | -- | R | PI88788 | Rps1c | 1.8 | -- |
| MIDWEST SEED | GR5331 | 5.3 | W | Bl | -- | R | -- | R | PI88788 | susc | 2.0 | STS |
| MIDWEST SEED | GR5433 | 5.4 | W | Bl | -- | R | -- | R | PI88788 | Rps1c | 2.2 | -- |
| MORSOY | RT 4126N | 4.1 | w | Bl | -- | R | -- | MR | PI88788 | -- | 2.0 | -- |
| MORSOY | RT 4457N | 4.4 | P | Bl | -- | R | -- | MR | PI88788 | -- | 3.0 | -- |
| MORSOY | RT 4485N | 4.4 | P | Br | -- | R | -- | MR | PI88788 | -- | 4.0 | -- |
| MORSOY | RT 4707N | 4.7 | P | Bl | -- | R | -- | MR | PI88788 | Rps1c | 3.0 | -- |
| MORSOY | RT 4808N | 4.8 | P | Bl | -- | R | -- | -- | PI88788 | -- | 4.0 | -- |
| MORSOY | RT 4987N | 4.9 | W | Bl | -- | R | -- | MR | PI88788 | -- | 3.0 | -- |

Table 20 continued. Description of Entries in 2008 Soybean Performance Tests

| BRAND | NAME | Maturity Group | Flower color | Hilum color | SCN Resistance | | | | | Phytophthora | | STS |
|---------|------------------|----------------|--------------|-------------|----------------|----|----|-----|---------|--------------|-----------|-----|
| | | | | | R1 | R3 | R4 | R14 | Source | RR | Tolerance | |
| MORSOY | RT 5154N | 5.1 | P | Bl | -- | R | -- | MR | PI88788 | -- | 3.0 | -- |
| MORSOY | RTS 4718N | 4.7 | W | Bl | -- | R | -- | MR | PI88788 | Rps1c | 3.0 | STS |
| MORSOY | RTS 4824 | 4.8 | P | Bl | -- | -- | -- | -- | -- | Rps1a | 3.0 | STS |
| MORSOY | RTS 4928N | 4.9 | P | IB | -- | R | -- | MR | PI88788 | Rps1c | 3.0 | STS |
| M-PRIDE | MPG3808NRR | 3.8 | P | Bl | -- | R | -- | R | -- | Rps1c | 1.5 | -- |
| M-PRIDE | MPG3908NRR/STS | 3.9 | P | Bl | -- | R | -- | -- | PI88788 | -- | 2.0 | STS |
| M-PRIDE | MPG4209NRR | 4.2 | P | Bl | -- | -- | -- | -- | PI88788 | -- | 2.0 | -- |
| M-PRIDE | MPG4509NRR/STS | 4.5 | P | Bl | -- | -- | -- | -- | PI88788 | -- | 2.0 | STS |
| M-PRIDE | MPG48-1NRR/STS* | 4.6 | P | Bl | -- | R | -- | R | PI88788 | -- | 2.5 | STS |
| M-PRIDE | MPG48-2NRR/STS* | 4.4 | P | Bl | -- | R | -- | -- | -- | -- | 3.0 | -- |
| M-PRIDE | MPG48-3NRR/STS* | 4.6 | P | Bl | -- | R | -- | -- | -- | -- | 3.0 | -- |
| M-PRIDE | MPG4905NRR | 4.9 | P | Bl | -- | R | -- | -- | PI88788 | -- | 2.1 | -- |
| M-PRIDE | MPG4907NRR/STS | 4.9 | P | IB | -- | R | -- | R | PI88788 | -- | 2.5 | STS |
| M-PRIDE | MPG5308NRR | 5.3 | P | Bl | R | R | R | R | -- | -- | 2.0 | -- |
| M-PRIDE | MPG5407NRR | 5.4 | W | Bl | -- | R | -- | R | -- | -- | 2.5 | -- |
| M-PRIDE | MPG5505NRR/STS | 5.5 | W | Bf | -- | MR | -- | -- | -- | -- | 2.5 | STS |
| NC+ | 3A79RR | 3.9 | P | Bl | -- | -- | -- | -- | -- | -- | 3.0 | -- |
| NC+ | 3A85RS | 3.8 | W | Bf | -- | R | -- | R | PI88788 | Rps1c | 3.0 | STS |
| NC+ | 3A86RS | 3.8 | W | Bl | -- | R | -- | R | PI88788 | Rps1c | 4.0 | -- |
| NC+ | 3A93RR | 3.9 | W | Bl | -- | R | -- | R | PI88788 | Rps1c | 3.0 | -- |
| NC+ | 4A15RS | 4.1 | P | Bl | -- | R | -- | R | PI88788 | -- | 3.0 | -- |
| NC+ | 4A45RS | 4.4 | P | Bl | -- | R | -- | R | PI88788 | -- | 3.0 | -- |
| NC+ | 4A81RS | 4.8 | P | Bl | -- | R | -- | R | PI88788 | Rps1a | 2.0 | STS |
| NC+ | 4A82RS | 4.8 | W | Bl | -- | R | -- | R | PI88788 | Rps1c | 3.0 | -- |
| NC+ | 5A03RR | 5.0 | W | Bl | -- | R | -- | R | PI88788 | -- | 3.0 | -- |
| NC+ | 5A31RS | 5.3 | W | Bl | -- | R | -- | R | PI88788 | -- | 2.0 | STS |
| NK | S28-B4 | 2.8 | W | Br | S | Si | S | S | -- | Rps1k | 3.0 | -- |
| NK | S30-F5 | 3.0 | W | Bl | -- | R | -- | MR | PI88788 | Rps1a | 4.0 | -- |
| NK | S32-E2 | 3.2 | W | Br | -- | R | -- | MR | -- | Rps1a | 4.0 | -- |
| NK | S34-R2 | 3.4 | P | Bl | -- | R | -- | -- | PI88788 | Rps1a | 3.0 | -- |
| NK | S35-T9 | 3.5 | W | Bl | -- | R | -- | R | PI88788 | -- | 4.0 | -- |
| NK | S36-B6 | 3.6 | P | Bl | S | Si | S | S | -- | Rps1a | 3.0 | -- |
| NK | S37-F7 | 3.7 | W | Bl | -- | R | -- | R | PI88788 | S | 4.0 | -- |
| NK | S37-P5 | 3.7 | W | Bl | -- | R | -- | R | PI88788 | S | 3.0 | -- |
| NK | S39-A3 | 3.9 | W | Bl | -- | R | -- | R | PI88788 | S | 3.0 | -- |
| NK | S41-R6 | 4.1 | P | Bl | -- | R | -- | MR | PI88788 | -- | 3.0 | -- |
| NK | S43-N6 | 4.3 | W | Bl | -- | R | -- | R | PI88788 | Rps1c | 3.0 | -- |
| NK | S44-D5 | 4.4 | W | Br | -- | R | -- | R | PI88788 | Rps1c | 4.0 | -- |
| NK | S46-U6 | 4.6 | W | Bl | -- | R | -- | R | PI88788 | Rps1c | 4.0 | -- |
| NK | S47-D9 | 4.7 | W | Bl | -- | R | -- | R | PI88788 | Rps1c | 4.0 | -- |
| NK | S49-H7 | 4.9 | W | Bl | MR | R | -- | -- | PI88788 | -- | 4.0 | -- |
| NK | S52-F2 | 5.2 | P | Bl | -- | R | -- | -- | PI88788 | -- | 4.0 | -- |
| NK | S57-P1 | 5.3 | P | IB | R | R | -- | MR | -- | -- | 4.0 | STS |
| NUTECH | 7316 | 3.1 | P | IB | R | R | R | R | PI88788 | -- | -- | -- |
| NUTECH | 7324 | 3.2 | P | Bl | R | R | R | R | PI88788 | -- | -- | -- |
| NUTECH | 7353 | 3.5 | P | IB | R | R | R | R | PI88788 | S | -- | -- |
| NUTECH | 7354 | 3.5 | W | IB | R | R | R | R | PI88788 | Rps1c | -- | -- |
| NUTECH | 7375 | 3.7 | P | IB | R | R | R | R | PI88788 | -- | -- | -- |
| NUTECH | 7386 | 3.8 | W | Bf | R | R | R | R | PI88788 | Rps1c | -- | -- |
| NUTECH | 7399 | 3.9 | P | Bl | R | R | R | R | PI88788 | Rps1c | -- | -- |
| NUTECH | 7406 | 4.0 | W | Bl | R | R | R | R | PI88788 | S | -- | -- |
| NUTECH | 7417 | 4.1 | P | Bl | R | R | R | R | PI88788 | S | -- | -- |
| NUTECH | 7438 | 4.3 | P | Bl | R | R | R | R | PI88788 | S | -- | -- |
| NUTECH | 7443 | 4.4 | -- | -- | R | R | R | R | PI88788 | -- | -- | -- |
| NUTECH | 7445 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NUTECH | 7475 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NUTECH | NT3777+RR | 3.7 | P | Bl | -- | -- | -- | -- | -- | -- | -- | -- |
| NUTECH | NT3888CR | 3.8 | P | IB | R | R | R | R | PI88788 | S | -- | -- |
| NUTECH | NT3909RR/SCN/STS | 3.9 | W | Bf | -- | R | -- | R | 88.788 | Rps1c | -- | STS |
| NUTECH | NT4444+RR/SCN | 4.4 | P | Br | -- | R | -- | R | 88.788 | -- | -- | -- |
| OHLDE | O-3191 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| OHLDE | O-3334 | 3.3 | P | IB | S | MR | S | S | PI88788 | Rps1k | 1.8 | -- |

Table 20 continued. Description of Entries in 2008 Soybean Performance Tests

| BRAND | NAME | Maturity Group | Flower color | Hilum color | SCN Resistance | | | | | Phytophthora | | STS |
|---------------|---------------|----------------|--------------|-------------|----------------|----|----|-----|---------|--------------|-----------|-----|
| | | | | | R1 | R3 | R4 | R14 | Source | RR | Tolerance | |
| OHLDE | O-3532 | 3.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| OHLDE | O-3727 | 3.7 | W | IB | S | MR | MR | MR | PI88788 | Rps1c | 2.0 | STS |
| OHLDE | O-3732 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| OHLDE | O-3927 | 3.9 | P | -- | -- | R | -- | MR | PI88788 | Rps1c/1k | 1.5 | -- |
| OHLDE | O-3997 | 3.9 | -- | -- | -- | -- | -- | -- | -- | -- | 1.6 | -- |
| OHLDE | O-4232 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| OHLDE | O-4292 | 4.2 | P | Bl | S | R | S | MR | PI88788 | -- | 1.7 | STS |
| OHLDE | O-4595 | 4.5 | P | Br | S | R | S | MR | PI88788 | -- | 2.0 | -- |
| OHLDE | X-3525 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| OHLDE | X-3632 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| OHLDE | X-3878 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| OHLDE | X-4355 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PHILLIPS | 358NRR | 3.5 | W | Bf | -- | -- | -- | -- | PI88788 | Rps1c | 1.9 | -- |
| PHILLIPS | 376NRR | 3.7 | P | B | -- | -- | -- | -- | -- | -- | 1.9 | -- |
| PHILLIPS | 385NRS | 3.8 | W | Bf | -- | -- | -- | -- | -- | Rcl.7 | 1.7 | -- |
| PHILLIPS | 417NRSE | 4.1 | W | B | R | -- | -- | MR | -- | -- | 1.6 | -- |
| PHILLIPS | 439NRS | 4.2 | P | Bl | -- | -- | -- | -- | -- | -- | 1.7 | -- |
| PHILLIPS | 486NRS | 4.8 | P | B | -- | MR | -- | MS | -- | Rps1a | 1.8 | -- |
| PIONEER BRAND | 95Y20 | 5.2 | P | Bl | MR | R | S | R | PI88788 | -- | 3.0 | -- |
| PIONEER BRAND | 95Y40 | 5.4 | W | Bl | MR | R | S | R | PI88788 | Rps1k | 4.0 | -- |
| PIONEER BRAND | 95Y41 | 5.4 | P | IB | MR | R | S | R | PI88788 | -- | 3.0 | -- |
| PRAIRIE BRAND | PB-3637NRR | 3.6 | P | Bf | -- | R | -- | M | PI88788 | Rps1c | 4.0 | -- |
| PRAIRIE BRAND | PB-3796NRR | 3.7 | P | IB | -- | R | -- | M | PI88788 | none | 3.0 | -- |
| PRAIRIE BRAND | PB-3858NRRSTS | 3.8 | W | Bf | -- | R | -- | M | PI88788 | Rps1c | 4.0 | STS |
| PRAIRIE BRAND | PB-3997NRR | 3.9 | P | Bl | -- | R | -- | M | PI88788 | Rps1c | 4.0 | -- |
| PRAIRIE BRAND | PB-4058NRRSTS | 4.0 | P | Bl | -- | R | -- | M | PI88788 | -- | 4.0 | STS |
| RENZE | R3599RRcn | 3.5 | W | Bf | S | R | -- | MR | PI88788 | Rps1c | 2.0 | -- |
| RENZE | R3788RRcn | 3.7 | P | Bf | S | R | -- | MR | PI88788 | Rps1c | 3.0 | -- |
| RENZE | R4038SRcn | 4.0 | W | Bl | S | R | -- | MR | PI88788 | -- | 3.0 | STS |
| RENZE | R4439SRcn | 4.4 | P | Bl | S | R | -- | MR | PI88788 | -- | 3.0 | STS |
| RENZE | R4836SRcn | 4.8 | P | Bl | S | R | MR | MR | PI88788 | Rps1a | 3.0 | STS |
| SCHILLINGER | 457.RCP | 4.5 | P | Bl | -- | R | -- | -- | PI88788 | Rps1c | 2.0 | -- |
| SCHILLINGER | 478.RCS | 4.7 | P | Bl | -- | R | -- | -- | PI88788 | -- | 2.0 | STS |
| SCHILLINGER | 495.RC | 4.9 | P | Bl | -- | R | -- | -- | PI88788 | -- | 1.5 | -- |
| SCHILLINGER | 557.RC | 5.5 | W | IB | -- | R | -- | -- | PI88788 | -- | 2.2 | -- |
| SYLVESTER | 3249NRR | 3.2 | -- | -- | -- | R | -- | MR | PI88788 | Rps1a | -- | -- |
| SYLVESTER | 3439NRR | 3.4 | -- | -- | -- | R | -- | MR | PI88788 | -- | 1.8 | -- |
| SYLVESTER | 3618NRR | 3.6 | -- | -- | -- | R | -- | MR | PI88788 | Rps1c | 3.0 | -- |
| SYLVESTER | 3738NRR | 3.7 | -- | -- | -- | R | -- | MR | PI88788 | Rps1c | 2.0 | -- |
| SYLVESTER | 3919NRR | 3.9 | -- | -- | -- | MR | -- | -- | PI88788 | -- | 1.9 | -- |
| SYLVESTER | 3979NRR | 3.9 | -- | -- | -- | MR | -- | MR | PI88788 | -- | 1.5 | -- |
| SYLVESTER | 4157NRS | 4.1 | -- | -- | -- | R | -- | MR | PI88788 | -- | 1.9 | STS |
| SYLVESTER | 4289NRS | 4.2 | -- | -- | -- | R | -- | MR | PI88788 | -- | 2.0 | STS |
| SYLVESTER | 9A385NRS | 3.8 | -- | -- | -- | R | -- | -- | PI88788 | Rps1c | -- | STS |
| TAYLOR | 353RR | 3.6 | -- | -- | S | S | S | S | -- | Rps1a | 2.5 | -- |
| TAYLOR | 398RRS | 3.9 | -- | -- | S | MR | S | MR | PI88788 | Rps1c | 2.0 | STS |
| TAYLOR | 424RRS | 4.2 | -- | -- | -- | R | -- | MR | PI88788 | Rps1c | 2.0 | STS |
| TAYLOR | 445RR | 4.0 | P | Bl | S | R | S | R | -- | Rps1k | 2.0 | -- |
| TAYLOR | 487RRS | 4.8 | -- | -- | -- | MR | -- | MR | PI88788 | Rps1a | 2.0 | STS |
| TAYLOR | EXP 4950RR | 4.9 | -- | -- | -- | R | -- | MR | PI88788 | Rps1k | 2.0 | -- |
| TAYLOR | EXP A-3920RR | 3.9 | -- | -- | -- | R | -- | MR | PI88788 | Rps1a | 1.8 | -- |
| TAYLOR | EXP D-3600RR | 3.6 | -- | -- | -- | R | -- | MR | PI88788 | Rps1k | 2.0 | -- |
| TAYLOR | EXP D-3720RR | 3.7 | -- | -- | -- | R | -- | MR | PI88788 | Rps1c | 2.0 | -- |
| TAYLOR | EXP T3780RR | 3.7 | -- | -- | -- | R | -- | MR | PI88788 | Rps1a | 1.8 | -- |
| WILLCROSS | RR2397N | 3.9 | -- | -- | -- | R | -- | MR | -- | Rps1c | 2.6 | -- |
| WILLCROSS | RR2440NSTS | 4.4 | P | Bl | -- | R | -- | MR | -- | -- | -- | STS |
| WILLCROSS | RR2450N | 4.5 | P | Bl | -- | -- | -- | -- | -- | -- | -- | -- |
| WILLCROSS | RR2460NS | 4.6 | P | Bl | -- | R | -- | -- | -- | Rps1c | 2.0 | -- |
| WILLCROSS | RR2470NSTS | 4.7 | W | Bl | -- | R | -- | MR | -- | -- | -- | STS |
| WILLCROSS | RR2477NSTS | 4.7 | M | Bl | -- | -- | -- | -- | -- | -- | -- | STS |
| WILLCROSS | RR2490NSTS | 4.9 | P | IB | -- | R | -- | MR | -- | -- | -- | STS |

Table 20 continued. Description of Entries in 2008 Soybean Performance Tests

| BRAND | NAME | Maturity Group | Flower color | Hilum color | SCN Resistance | | | | | Phytophthora | | STS |
|-----------|------------|-------------------|-----------------|----------------|----------------|----|----|-----|---------|--------------|-----------|-----|
| | | | | | R1 | R3 | R4 | R14 | Source | RR | Tolerance | |
| WILLCROSS | RR2498NSTS | 4.9 | P | IB | -- | R | -- | MR | -- | -- | -- | STS |
| WILLCROSS | RR2507NSTS | 5.0 | P | IB | -- | R | -- | MR | -- | -- | -- | STS |
| WILLCROSS | RR2544NSTS | 5.4 | W | Bf | -- | R | -- | R | PI88788 | -- | 4.0 | STS |
| WILLCROSS | RR2547N | 5.4 | W | Bl | -- | R | -- | R | -- | -- | -- | -- |

Roundup-resistant variety

Flower color: P=purple, W=white, M=mixed

Hilum color: BL=black, IB=imperfect black, BR=brown, BF=buff, G=grey, Y=yellow, M=mixed

SCN Resistance: R1, R3, R4, and R14 = Race 1, 3, 4, and 14, respectively, S=susceptible, R=resistant, MR=moderately resistant

Phytophthora Root Rot: RR=race resistance (major genes); Tolerance=field tolerance score, 1=excellent to 9=poor

STS=sulfonylurea herbicide tolerant

All information supplied by entrant. *Experimental varieties.

To access crop performance testing information electronically, visit our Web site. The information contained in this publication, plus more, is available for viewing or downloading at:

<http://kscroptests.agron.ksu.edu>

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